SAFETY DATA SHEET



Date of issue/Date of revision 1 February 2024

Section 1. Identification

: CA8800/I1050 BASE COMPONENT Product name Product code CA8800/I1050 BASE COMPONENT

Other means of : Not available. identification

Product type

Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications

Use of the substance/ : Coating.

Emergency telephone number

mixture Uses advised against : Not applicable

Manufacturer

: PPG Aerospace PRC-DeSoto 12780 San Fernando Road Sylmar, CA 91342 Phone: 818 362 5711 (412) 434-4515 (U.S.) (514) 645-1320 (Canada) 01-800-00-21-400 (Mexico)

Section 2. Hazards identification

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910,1200).

Classification of the

(29 GPR 1910,1200).
FLAMMABLE LIQUIDS - Category 3
ACUTE TOXICITY (inhalation) - Category 4
CARCINOGENICITY - Category 2
TOXIC TO REPRODUCTION - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity, 20,7% (oral), 20,7% (dermal), 36,9% (inhalation)

(oral), 20.7% (bermal), 36,9% (inhalation). This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).

United States

Page: 1/16

GHS label elements

Product code CA8800/(1050 BASE COMPONENT Date of issue 1 February 2024 Version 11 Product name CA8800/11050 BASE COMPONENT

Section 3. Composition/information on ingredients

Any concentration shown as a range is to protect confidentiality or is due to batch variation

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person. Description of necessary first aid measures

Eye contact

: Remove contact lenses, Irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory airest occurs, provide artificial respiration or oxygen by trained Inhalation

negation.

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. Ingestion

: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce voniting.

Most important symptoms/effects, acute and delayed

Potential acute health effects Eye contact

Skin contact

No known significant effects or critical hazards

Inhalation Harmful if inhaled. Skin contact

marmituri inhaled.

Defatting to the skin. May cause skin dryness and irritation.

No known significant effects or critical hazards.

Ingestion Over-exposure

: No specific data.

Eye contact Inhalation Adverse symptoms may include the following: reduced fetal weight

recubed retail weight increase in fetal deaths skeletal malformations Adverse symptoms may include the following Skin contact

irritation

Irritation dyviness cracking dyviness cracking dryness cracking reduced fetal weight increase in fetal deaths skeletal meltormations Adverse symptoms may include the following reduced fetal weight increase in fetal deaths skeletal malformations Ingestion

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Notes to physician

United States Page: 3/16 Product code CA8800/I1050 BASE COMPONENT Product name CA8800/1050 BASE COMPONENT Date of issue 1 February 2024 Version 11

Section 2. Hazards identification

Response

Storage

Hazards not otherwise classified







Warning Signal word

Hazard statements

Flammable liquid and vapor. Harmful if inhaled. Suspected of causing cancer Suspected of damaging fertil ng fertility or the unborn child.

Precautionary statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparlax, open flames and other ignifiance sources. No emoking. Use explosion-proof electrical ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. If exposed or concerned: Get medical advice or attention, IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN to heath 3T Take off immediately all contaminated clothing. Rnse skin with water.

Store locked up. Store in a well-ventilated place, Keep cool.

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Disposal

Supplemental label elements

Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosal concentrations above the recommended exposure limits causes headaches drowsiness and masses and may set to unconsciousness or death. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic furnes when heated.

Prolonged or repeated contact may dry skin and cause irritation,

Section 3. Composition/information on ingredients

Substance/mixture

: CA8800/I1050 BASE COMPONENT Product name

Ingredient name	%	CAS number
Manjum dioxide	≥20 - ≤50	13453-67-7
heptan-2-one	≥10 - <20	110-43-0
xylene	≥0.10 - ≤2.7	1330-20-7
toluene	<1,0	108-88-3
ethylbenzene	<1,0	100-41-4
titanium dioxide (<10 microns)	≤1.0	13463-67-7
propylidynetrimethanol	≤1.0	77-99-6
4-methylpentan-2-one	<1.0	108-10-1

SUB codes represent substances without registered CAS Numbers

United States Page: 2/16

Product code CA8800/I1050 BASE COMPONENT Date of issue 1 February 2024 Version 11 roduct name CA8800/I1050 BASE COMPONENT

Section 4. First aid measures

No sp⊬cific treatment Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. If it is suspected that furnes are still present the rescuer should wear an appropriate mask or self-contained breathing appraists. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media Suitable extinguishing

: Use dry chemical, CO2, water spray (fog) or foam

media Unsuitable extinguishing : Do not use water jet.

Specific hazards arising from the chemical

Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst with the risk of a subsequent explosion. Vapors may accumulate in low or confired areas or tuvel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

: Decomposition products may include the following materials. Hazardous thermal

decomposition products

carbon oxides metal oxide/oxides

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

For emergency responders

No action shall be taken involving any personal risk or xilhout suitable training. Evacuate sumounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or xalk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Fut on appropriate personal protective equipment. If specialized telding is required to deal xith the spillage, take note of any information in Section 5 on suitable and unsuitable materials. See also the information in "For non-emergency personner".

emergency personnel

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution sewers, waterways soil or aim. Environmental precautions

Methods and materials for containment and cleaning up

United States Page: 4/16 Product code CA8800/I1050 BASE COMPONENT

Date of issue 1 February 2024 Version 11

roduct name CA8800/I1050 BASE COMPONENT

Section 6. Accidental release measures

Small snill

Large spill

all felease measures

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry matterial and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal container. Dispose of via a licensed waste disposal container. Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or distomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note see Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Avoid exposure obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate vertiliation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the oliginal container or an approved alternative made from a compatible material kept lightly closed when not in use. Store and use away from heat, sparks open flame or any other tignition source. Use explosion-proof electrical (ventilating, lephing) and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Emply containers retain product residue and can be hazardous. Do not reuse container. Semply containers retain product residue and can be hazardous. Do not reuse container. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floots. If this material is part of a multiple component system, read the Satety Data Sheetis for the other component or components before blending as the resulting mixture may have the hazardost of all of its parts.

Eating, drinking and smoking should be prohibited in areas where this material is and find the source and processed. Workers should wash hands and face before eating drinking and smoking. Remove contaminated clothing and protective equipment before measures.

Special precautions

Advice on general occupational hygiene

Conditions for safe storage, including any incompatibilities since the following temperature 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-verifiated area, away from incompatible materials (see Section 10) and food and dilink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container thy closed and sealed until ready for use. Containers that have been opened must be carefully rescaled and keep turight to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

United States Page: 5/16

Product code CA8800/1050 BASE COMPONENT

Date of issue 1 February 2024 Version 11

Product name CA8800/11050 BASE COMPONENT

Section 8. Exposure controls/personal protection Skin sensitication Short term Exposure limit values Total dust Threshold Limit Value Time Weighted Average

C = Colling limit
F = Fine
PPEL = Internal Petrinsidék Esposue Limit
OSHA = Occupational Safety and Health Administration.
R = Respiadée
Z = OSHA 20 CFR 1910,1200 Subpart Z - Tonic and Hazardous Substances
Consult local authorities for acceptable exposure limits.

Recommended monitoring : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits, Use explosion-proof

SS STEL TD TLV TWA

Environmental exposure

Vapor of dust concentrations below any power explorer mine, lose exploration power remitation equipment.

Emissions from venification work process equipment should be checked to ensure they comply with that requirements of environmental protection legislation. In some cases fume scrubbers, fifters or engineering modifications to the process equipment will be necessity.

Individual protection measures

Wash hands forearms and face thoroughly after handling chemical products, before eating smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyev/ash stations and safety showers are close to the workstation flocations.

Eye/face protection

: Safety glasses with side shields.

Skin protection Hand protection

Chemical-resistant impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different of different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

For prolonged or repeated handling use the following type of gloves

Gloves

Recommended: butyl rubber, polyvinyl alcohol (PVA). Viton® Not recommended: nitrile rubber

Body protection

: Personal protective equipment for the body should be selected based on the task being

Other skin protection

Personal protective equipment for the dody should be spiroved by a specialist before performed and the risks involved and should be approved by a specialist before handling his product. When there is a risk of ignition from static electricity, wear and static profession clutting. For the greatest protection from static discharges should include anti-static overalls. boold and gloves. Appropriate foot-ear and any additional safe protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

United States Page: 7/16 Product code CA8800/11050 BASE COMPONENT Product name CA8800/11050 BASE COMPONENT

Date of issue 1 February 2024 Version 11

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
anium dioxide	OSHA PEL (United States, 5/2018).
	TWA: 15 mg/m ³ 8 hours, Form: Total dust
	ACGIH TLV (United States, 1/2023).
	TWA: 2.5 mg/m³ 8 hours. Form: respirable
	fraction finescale particles
heplan-2-one	ACGIH TLV (United States, 1/2023).
	TWA: 233 mg/m3 8 hours.
	TWA: 50 ppm 8 hours.
	OSHA PEL (United States, 5/2018).
	TWA: 465 mg/m ¹ 8 hours.
	TWA 100 ppm 8 hours,
xylene	OSHA PEL (United States, 5/2018).
	[Xylenes (o-, m-, p-isomers)]
	TWA: 435 mg/m ² 8 hours.
	TWA: 100 ppm 8 hours.
	ACGIH TLV (United States, 1/2023), [p-
	xylene and mixtures containing p-xylene
	Ototoxicant.
	TWA: 20 ppm 8 hours.
toluene	DSHA PEL Z2 (United States, 2/2013).
	AMP. 500 ppm 10 minutes,
	CEIL: 300 ppm
	TWA: 200 ppm 8 hours.
	ACGIH TLV (United States, 1/2023),
	Ototoxicant.
	TWA 20 ppm 8 hours.
ethylbenzene	ACGIH TLV (United States, 1/2023).
- Wyler and - Control - Co	Ototoxicant.
	TWA: 20 ppm 8 hours,
	OSHA PEL (United States, 5/2018).
	TWA: 435 mg/m² 8 hours.
	TWA: 100 ppm 8 hours.
titanium dioxide (<10 microns)	OSHA PEL (United States, 5/2018).
('/ ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	TWA. 15 mg/m² 8 hours, Form: Total dust
	ACGIH TLV (United States, 1/2023).
	TWA: 2.5 mg/m³ 8 hours, Form respirable
	fraction, finescale particles
propylidynetrimethanol	None.
4-methylpentan-2-one	ACGIH TLV (United States, 1/2023).
	STEL: 75 ppm 15 minutes.
	TWA: 20 ppm 8 hours.
	OSHA PEL (United States, 5/2018).
	TWA: 410 mg/m³ 8 hours.
	TWA: 100 ppm 8 hours,

Product code CA8800/I1050 BASE COMPONENT Date of issue 1 February 2024 Version 11 Product name CA8800/11050 BASE COMPONENT

Key to abbreviations

Section 8. Exposure controls/personal protection

Respiratory protection

Respirator selection must be based on known or anticipated exposure levels the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit they must use appropriate certified respirators. Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a rask assessment indicates this is necessary.

The respiratory protection shall be in accordance to 29 CFR 1910.134.

Potential skin absorption
 Respiratory sensitization

United States

Page: 6/16

Section 9. Physical and chemical properties

Appearance

Physical state Color White Odor Not available Odor threshold Not available

рΗ Not applicable Melting point : Not available **Boiling point** : >37,78°C (>100 F)

A = Acceptable Maximum Peak.

ACGSH = American Conference of Governmental Industrial Hygic

Closed cup: 28,89 C (84 F) Flash point Auto-ignition temperature : Not available.

Decomposition temperature Not available Flammability Not available Lower and upper explosive (flammable) limits : Not available Evaporation rate : Not available

Vapor pressure : Not available Vapor density : Not available Relative density : 1.33 Density (lbs / gal) 11.1

Media Result Solubility(ies) cold water : Not applicable

Partition coefficient; noctanol/water

Viscosity : kinematic (40 C (104 F)) >21 mm/s (>21 cSt) voc : 345 aA : 74,15 % Solid. (w/w)

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability

Possibility of hazardous

: Under normal conditions of storage and use hazardous reactions will not occur.

United States

Product code CA8800/I1050 BASE COMPONENT Date of issue 1 February 2024 Version 11 Product name CA8800/I1050 BASE COMPONENT

Section 10. Stability and reactivity

Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products.

Refer to protective measures listed in sections 7 and 8.

Incompatible materials Keep away from the following materials to prevent strong exothermic reactions oxidizing agents, strong alkalis, strong acids.

Hazardous decomposition products Depending on conditions, decomposition products may include the following materials: carbon oxides metal oxide/oxides

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
anium dioxide LC50 Inhalation Dusts and mists		Rat	>6.82 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
heptan-2-one	LC50 Inhalation Vapor	Rat	16.7 mg/l	4 hours
	LD50 Dermat	Rabbit	10.206 g/kg	-
	LD50 Oral	Rat	1.6 g/kg	-
xylene	LD50 Dermal	Rabbit	1.7 g/kg	-
- 11	LD50 Oral	Rat	4.3 g/kg	-
toluene	LC50 Inhalation Vapor	Rat	49 g/m ³	4 hours
	LD50 Dermal	Rabbit	8.35 g/kg	-
	LD50 Oral	Rat	5580 mg/kg	-
ethylbenzene	LC50 Inhalation Vapor	Rat	17.8 mg/l	4 hours
	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-
titanium dioxide (<10 microns)	LC50 Inhalation Dusts and mists	Rat	>6,82 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
propylidynetrimethanol	LD50 Dermal	Rabbit	10 g/kg	-
	LD50 Oral	Rat	14000 mg/kg	-
4-methylpentan-2-one	LC50 Inhalation Vapor	Rat	11 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	2.08 g/kg	-

Conclusion/Summary There are no data available on the mixture itself.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation	Ī
kylene	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-	

Conclusion/Summary

Skin : There are no data available on the mixture itself. Eyes Respiratory : There are no data available on the mixture itself.
: There are no data available on the mixture itself.

> United States Page: 9/16

Date of issue 1 February 2024 Version 11 Product code CA8800/I1050 BASE COMPONENT

Product name CA8800/I1050 BASE COMPONENT

Section 11. Toxicological information

Aspiration hazard				
Name	Result			
xylene toluene ethylbenzene	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1			

Information on the likely routes of exposure

Potential acute health effects

Eye contact Inhalation Skin contact

No known significant effects or critical hazards. Harmful if inhaled. Defatting to the skin. May cause skin dryness and initiation, No known significant effects or critical hazards.

Ingestion Over-exposure signs/symptoms

No specific data

No specific data.
Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

Skin contact Adverse symptoms may include the following: initation

imation dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations

Adverse symptoms may include the following reduced fetal weight increase in fetal deaths skeletal malformations Ingestion

Delayed and immediate effects and also chronic effects from short and long term exposure

Conclusion/Summary

sweitar mationmations and also obronic effects from short and long term exposure:

There are no data available on the mixture itself. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its LRRC 2B classification. For many products. TiO2 is utilized as a raw material in a laquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of syposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, falgue, muscular weakness crowsiness and in extreme cases loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent supor sin combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splached in the eyes, the liquid may cause irritation and eversible damage, Ingestion may cause nauses distribes and domitting. This takes into account where known delayed and mimediate effects and also chranic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

United States Page: 11/16

Date of issue 1 February 2024 Version 11 Product code CA8800/I1050 BASE COMPONENT Product name CA8800/I1050 BASE COMPONENT

Section 11. Toxicological information

Sensitization

Conclusion/Summary Skin : There are no data available on the mixture itself. Respiratory : There are no data available on the mixture itself.

Mutagenicity Conclusion/Summary Carcinogenicity
Conclusion/Summary

: There are no data available on the mixture itself.

Classification

Product/ingredient name OSHA IARC NTP Manium dioxide xylene toluene

ethylbenzene 2B 2B titanium dioxide (<10 microns) 4-methylpentan-2-one 2B

Carcinogen Classifica

| ARC: 1, 2A, 2B, 3, 4 NTP: Known to be a human carcinogen: Reasonably anticipated to be a human carcinogen OSHA: + Not listed/hot regulated: -

Conclusion/Summary : There are no data available on the mixture itself.

Reproductive toxicity Teratogen[city

: There are no data available on the mixture itself Conclusion/Summary

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
heptan-2-one	Category 3	1	Narcotic effects
xylene	Category 3	-	Respiratory tract
toluene	Category 3	1-	Narcotic effects
4-methylpentan-2-one	Category 3		Narcotic effects

Specific target organ toxicity frepeated exposure

Name	Category	Route of exposure	Target organs
toluene	Category 2	-	-
ethylbenzene	Category 2		hearing organs

Target organs

Contains material which causes damage to the following organs brain. Contains material which may cause damage to the following organs: blood kidneys upgs. the nervous system, when, peripheral nervous system upper respiratory tract. immune system, skin. central nervous system (CNS), eye. lens or cornea.

United States

Page: 10/16

Product code CA8800/I1050 BASE COMPONENT Date of issue 1 February 2024 Version 11

Product name CA8800/I1050 BASE COMPONENT Section 11. Toxicological information

Short term exposure

: There are no data available on the mixture itself Potential immediate

Potential delayed effects : There are no data available on the mixture itself.

Long term exposure

Potential immediate There are no data available on the mixture itself.

effects

Potential delayed effects . There are no data available on the mixture itself,

Potential chronic health effects General : Protonged or repeated contact can defat the skin and lead to irritation, cracking and/or

Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

: No known significant effects or critical hazards. Mutagenicity Reproductive toxicity : Suspected of damaging fertility or the unborn child.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermat (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ l)
EA8800/I1050 BASE COMPONENT	6344.0	61526.7	N/A	46.8	4.4
heptan-2-one	1600	10206	N/A	16.7	1.5
xvlene	4300	1700	N/A	11	1.5
toluene	5580	8390	N/A	49	N/A
ethylbenzene	3500	17800	N/A	17.8	1.5
propylidynetrimethanol	14000	10000	N/A	N/A	N/A
4-methylpentan-2-one	2080	N/A	N/A	11	1.5

Section 12, Ecological information

Toxicity							
Product/ingredient name	Result	Species	Exposure				
Manium dioxide	Acute LC50 >100 mg/l Fresh water	Daphnia - Daphnia magna	48 hours				
heptan-2-one	Acute LC50 131 mg/l	Fish	96 hours				
ethylbenzene	Acute EC50 1.8 mg/l Fresh water	Daphnia	48 hours				
,	Chronic NOEC 1 mg/l Fresh water	Daphnia - Ceriodaphnia dubia	-				
titanium dioxide (< 10 microns	Acute LC50 >100 mg/l Fresh water	Daphnia - Daphnia magna	48 hours				
propylidynetrimethanol	Acute LC50 >1000 mg/l	Fish	95 hours				
4-methylpentan-2-one	Acute LC50 >179 mg/l	Fish	96 hours				

Persistence and degradability

United States	Page: 12/16

Product code CA8800/I1050 BASE COMPONENT Date of issue 1 February 2024 Version 11 Product name CA8800/11050 BASE COMPONENT

Section 12. Ecological information

Product/ingredient name	Test	Result		Dose		Inoculum
leptan-2-one ethylbenzene 4-methylpentan-2-one	OECD 310 - OECD 301F	79 % - Re	eadily - 28 days eadily - 10 days eadily - 28 days	:		-
Product/ingredient name	Aquatic half-lif	e	Photolysis		Biode	gradability
epten-2-one xylene toluene ethylbenzene 4-methylpentan-2-one					Readi Readi Readi Readi Readi	ý y y

Bioaccumulative potential

Product/ingredient name	LogP	BCF	Potential
eptan-2-one	2.26		Low
xylene	3,12	7.4 to 18.5	Low
toluene	2.73	8.32	Low
ethylbenzene	3.6	79.43	Low
propylidynetrimethanol	-0.47	-	Low
4-methylpentan-2-one	1.9	_	Low

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available

Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products was a lecensed waste disposed contractor. Waste should not be disposed of unitized to the sever unless tibly complant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handing emptied containers that have not been cleaned or insed ut. Empty containers of lines may refail some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere misdle the container. Do not cut. veld or grind used containers unless that have not been cleaned thoroughly internally. Avoid dispersal of a spilled material and runoff and contact with soil waterways, drains and severs.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

United States Page: 13/16

Product code CA8800/I1050 BASE COMPONENT Date of Issue 1 February 2024 Version 11 Product name CA8800/11050 BASE COMPONENT

Section 15. Regulatory information

Composition/information on ingredients

Name	%	Classification
manium dioxide	≥20 - ≤50	CARCINOGENICITY - Category 2
heptan-2-one	≥10 - <20	FLAMMABLE LIQUIDS - Category 3
·		ACUTE TOXICITY (oral) - Category 4
		ACUTE TOXICITY (inhalation) - Category 4
	11	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
		(Narcotic effects) - Category 3
		HNOC - Defatting irritant
xylene	≥0.10 - ≤2.7	FLAMMABLE LIQUIDS - Category 3
-,	20.10 - 42.1	ACUTE TOXICITY (dermal) - Category 4
		ACUTE TOXICITY (derinal) - Category 4
		SKIN IRRITATION - Category 2
	U.	EYE IRRITATION - Category 2A
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
		(Respiratory tract irritation) - Category 3
toluene		ASPIRATION HAZARD - Category 1
lotuene	<1.0	FLAMMABLE LIQUIDS - Category 2
		SKIN IRRITATION - Category 2
		TOXIC TO REPRODUCTION - Category 2
	1	SPECIFIC TARGET ORGAN TOXICITY ISINGLE EXPOSURE)
		(Narcotic effects) - Category 3
		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) - Category 2
		ASPIRATION HAZARD - Category 1
		HNOC - Defatting irritant
elhylbenzene	<1.0	FLAMMABLE LIQUIDS - Category 2
		ACUTE TOXICITY (inhalation) - Category 4
		CARCINOGENICITY - Category 2
		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) - Category 2
		ASPIRATION HAZARD - Category 1
		HNOC - Defatting irritant
trtanium dioxide (< 10 microns)	≥1.0	CARCINOGENICITY - Category 2
propylidynetrimethanol	≤1.0	TOXIC TO REPRODUCTION - Category 2
4-methylpentan-2-one	<1.0	FLAMMABLE LIQUIDS - Category 2
The state of the s	1	ACUTE TOXICITY (inhalation) - Category 4
		E) E IRRITATION - Category 2A
		CARCINOGENICITY - Category 2
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
		(Naicotic effects) - Category 3
		HNOC - Defatting irritant

SARA 313

Supplier notification

Chemical name

CAS number Concentration 1 - 5 0.1 - 1 0.1 - 1 0.000000184

SARA 313 notifications must not be detached from the SDS and any copyring and redistribution of the SDS shall include copyring and redistribution of the notice attached to copies of the SDS subsequently redistributed.

United States Page: 15/16 Product code CA8800/11050 BASE COMPONENT Date of issue 1 February 2024 Version 11 Product name CA8800/11050 BASE COMPONENT

Transport information

	DOT	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class (es)	3	3	3
Packing group	III	III	ill
Environmental hazards	No.	No.	No.
Marine poliutant substances	Not applicable.	Not applicable.	Not applicable.
Product RQ (lbs)	562.6	Not applicable.	Not applicable.
RQ substances	(xylene)	Not applicable.	Not applicable,

Additional information

DOT Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

IMDG : None identified. IATA

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not applicable, to IMO instruments

Section 15. Regulatory information

United States

United States inventory (TSCA Bb): All components are active or exempted.

United States - TSCA 5(a)2 - Proposed significant new use rules: pentane-2.4-dione

SARA 302/304

: Not applicable, Composition/information on ingredients

No products were found.

SARA 311/312

Classification

: FLAMMABLE LIQUIDS - Calegory 3 ACUTE TOXICITY (inhalation) - Category 4 CARCINGENICITY - Category 2 TOXIC TO REPRODUCTION - Category 2 HNOC - Defatting irritant

United States Page: 14/16

Product code CA8800/11050 BASE COMPONENT

Date of issue 1 February 2024 Version 11

Product name CA8800/I1050 BASE COMPONENT

Section 15. Regulatory information

California Prop. 65

MARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Hazardous Material Information System (U.S.A.)
Health : 2 * Flammability : 3 Physical hazards : 0
(1)- choose effects
Caution: HMIS: raining are based on a 64 rating scale, with 8 representing minimal hazards or risks, and 4 representing significant hazards or risks. The control of the second of

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. National Fire Protection Association (U.S.A.)

Health : 2 Flammability : 3 Instability : 0

Date of previous issue : 12/19/2023 Organization that prepared : EHS

Key to abbreviations

ATE = Acute Toxicity Estimate
BCF = Boconcentration Factor
GMS = Globally Harmonized System of Classification and Labelling of Chemicels
IATA = International Air Transport Association
IBC = International Air Transport Association
IBC = International Maritime Dangerous Goods
IBC = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships. 1973
as modified by the Protocol of 1978. ("Marpot" = marine pollution)
IVIA = IVIC available
SGG = Secretarion Groun

SGG = Segregation Group UN = United Nations

Indicates information that has changed from previously issued version.

Disclaimer

The information contained in this data sheel is based on present scientific and technical knowledge. The purpose of this information is to disk attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precalculation were assured for the stolage and handling of the products. No warranty or guirantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the procedurancy measures described in this data sheet or for any mississ of the products.

United States

Page: 16/16

SAFETY DATA SHEET



Date of issue/Date of revision 19 December 2023

Section 1. Identification

Product name : CA8800CT THINNER COMPONENT

Product code CA8800CT THINNER COMPONENT : Not available,

Other means of identification Product type

Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications

Use of the substance/ : Thinner

Uses advised against : Not applicable

Manufacturer

PPG Aerospace PRC-DeSoto 12780 San Fernando Road Sylmar, CA 91342 Phone: 818 362 6711

(412) 434-4515 (U.S.) (514) 645-1320 (Canada) 01-800-00-21-400 (Mexico) Emergency telephone

Section 2. Hazards identification

Classification of the

substance or mixture

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

FLAMM-BLE LICUIDS - Category 3
ACUTE TOXICITY (inhalation) - Category 4
EYE IRRITATION - Category 2A
CARCINGGENICITY - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 1.1% (oral), 1.1% (dermal), 1.1% (inhalation)

GHS label elements

Hazard pictograms







Signal word : Warning

United States

Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19

Product name CA8800CT THINNER COMPONENT

Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person. Description of necessary first aid measures

Eve contact

: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
: Remove to fresh air. Keep person warm and at test. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained. Inhalation

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. Skin contact

If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vorniting. Ingestion

Most important symptoms/effects, acute and delayer

Potential acute health effects Eye contact

Causes serious eye irritation. Inhalation

Harmfull il inhaled. Can cause central nervous system iCNSI depression. May cause drowsiness or dezimess. Defating to the skin. May cause skin dryness and irritation. Can cause central nervous system (CNS) depression.

Skin contact

Ingestion : C Over-exposure signs/symptoms

 Adverse symptoms may include the following pain or initation watering Eye contact

redness

redness
- Adverse symptoms may include the following nausea or voniting headache drows in essifatique dozines/vertigo unconsciousness
- Adverse symptoms may include the following initiation dryness cracking Inhalation

: No specific data. Ingestion

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment. Notes to physician

Specific treatments Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. If it is suspected that furnes are still present the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

United States Page: 3/14

Date of issue 19 December 2023 Version 19 Product code CA8800CT THINNER COMPONENT

Product name CA8800CT THINNER COMPONENT

Section 2. Hazards identification Hazard statements

Flammable liquid and vapor. Causes serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness

Suspected of causing cancer

Precautionary statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-prote electrical ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Use only outdoors or in a well-wentilated area. Avoid breathing vapor. Wash thoroughly after handling.

If exposed or concerned. Get medical advice or attention. If NIN-ALED. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES fines cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue insing. If eye irritation persists. Get medical advice or attention.

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep

: Store locked up. Store in a well-ventilated place, Keep container tightly closed. Keep Storage

Disposal : Dispose of contents and container in accordance with all local, regional, national and

international regulations Supplemental label elements

s Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhabition of vapor/aerosol concentrations almost the recommended exposure limits causes headaches drowsness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic furnes when heated.

Hazards not otherwise : May form explosive peroxides. Hazardous reactions or instability may occur under certain conditions of storage or use. Prolonged or repeated contact may dry skin and

cause irritation.

Section 3. Composition/information on ingredients

Substance/mixture

classified

: CASSODCT THINNER COMPONENT

Ingredient name	%	CAS number
n-butyl acetate	≥20 - ≤50	123-86-4
4-methylpentan-2-one	≥20 - ≤43	108-10-1
ethyl 3-ethoxypropionate	≥10 - ≤20	763-69-9
pentane-2,4-dione	≥10 - ≤15	123-54-6

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation,

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8,

United States Page: 2/14

Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA8800CT THINNER COMPONENT

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

: Use dry chemical. CO2, water spray (fog) or foam. media Unsuitable extinguishing

: Do not use water jet

Specific hazards arising from the chemical

Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products Decomposition products may include the following materials:

Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

Large spill

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

ve equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training.
Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not bouch or walk through spilled material. Shut off all syntion sources, No flares smoking or flames in hazard area. Avoid breathing vapor or mist, Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personner".

For emergency responders

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill

Intainment and cleaning up

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble, Alternatively, or if water-insoluble, absolb with an inert dry material and place in an appropriate waste disposal contractor.

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind, Prevent entity into severs, water courses basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-consulsatible, absorbent material e.g. sand, earth, vermoulité or distomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact.

United States

Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA8800CT THINNER COMPONENT

Section 6. Accidental release measures

information and Section 13 for waste disposal

Section 7. Handling and storage

Precautions for safe handling

Protective measures

Put on appropriate personal protective equipment (see Section 8). Avoid exposure obtain special instructions before use. Do not handle untial all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breating vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original continient or an appropriate alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse containers. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heaver than air and may spread along floors. May form explosive peroxides. Keep away from combustible materials. Avoid shock and friction, avoid all possible sources of ignition (spark or flames). If this material is part of a multiple component soften bending as the resulting mixture may have the hazards of all of its parts.

Eating, drinking and smoking, should be prohibited in areas where this material is handled stored and processed. Workers foodly wash hands and face before eating drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Special precautions

Advice on general occupational hygiene

Conditions for safe storage, including any incompatibilities

Do not store above the following temperature: 50 °C (122 F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all lightion sources. Separate from oxidizing materials, Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept pright to preven leakage. On not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

United States Page: 5/14

Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA8800CT THINNER COMPONENT

Section 8. Exposure controls/personal protection : Chemical splash goggles,

Eyefface protection

Skin protection

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

For prolonged or repeated handling use the following type of gloves

Not recommended nitrile rubber May be used butyl rubber

Body protection

Other skin protection

Respiratory protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handking this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Appropriate footweer and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate certified respirators. Use a properly fitted, air-punifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The respirator protection shall be in accordance to 29 CFR 1910.134.

Section 9. Physical and chemical properties

Appearance Physical state Color

Vapor pressure

Liquid. Clear.

Odor Odor threshold Melting point

Not available Not available. Not applicable Not available,

Boiling point 117.22 to 165°C (243 to 329 F) Flash point Closed cup: 23.89°C (75 F)

Auto-ignition temperature Not available. Decomposition temperature Not available. Flammability Not available. Lower and upper explosive (flammable) limits Evaporation rate

Not available. : Not available.

> United States Page: 7/14

Product code CASSORCT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA8800CT THINNER COMPONENT

Ingredient name	Exposure limits
butyl acetate	OSHA PEL (United States, 5/2018).
	TWA 710 mg/m ³ 8 hours.
	TWA: 150 ppm 8 hours.
	ACGIH TLV (United States, 1/2023). [Butyl
	acetates all isomers]
	STEL: 150 ppm 15 minutes,
	TWA: 50 ppm 8 hours.
4-methylpentan-2-one	ACGIH TLV (United States, 1/2023).
	STEL: 75 ppm 15 minutes.
	TWA: 20 ppm 8 hours.
	OSHA PEL (United States, 5/2018).
	TWA. 410 mg/m³ 8 hours.
	TWA: 100 ppm 8 hours.
ethyl 3-ethoxypropionale	IPEL (-).
	TWA: 50 ppm
	STEL: 100 ppm
pentane-2.4-dione	ACGIH TLV (United States, 1/2023).
	Absorbed through skin.
	TWA: 25 ppm 8 hours.

Key to abbreviations

A = Acceptable Maximum Pea\.
ACGIN = American Conference of Governmental Industrial Hygienists.
C = Celtra Land
F = Furne
IPEL = Internal Permissible Exposure Limit
OSHA = Goccupational Safety and Health Adminishation.

Coccupational Safety and Heakin Administration
 Coccupation
 Coccupation

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas. vapor or dust concentrations below any lower explosive limits. Use explosion-proof

Environmental exposure

vapid or dost concentration better any investigation of world to ensure the configuration of world process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases furm scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safely showers are close to the workstation locations.

United States Page: 6/14

Potential skin absorption Respiratory semitization Skin sensitization Short term Exposure firmt values Total dust

hieshold Lims Value ine Weighted Average

Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA8800CT THINNER COMPONENT

Section 9. Physical and chemical properties

Vapor density : Not available Relative density : 0.88 Density (lbs/gal) : 7,34

Media Solubility(ies) cold water Partially soluble

: Not applicable octanol/water

Viscosity : Kinematic (40 C (104 F)) >21 mm⁻/s (>21 cSI) voc : 866 g/l

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients

Chemical stability : The product is stable,

Possibility of hazardous reactions

: Under normal conditions of storage and use hazardous reactions will not occur.

Result

Conditions to avoid

: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.

Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions oxidizing agents, strong alkalis, strong acids.

: Depending on conditions decomposition products may include the following materials carbon oxides

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity	

Product/ingredient name	Result	Species	Dose	Exposure
n-butyl acetate	LC50 Inhalation Vapor	Rat	>21,1 mg/j	4 hours
	LC50 Inhalation Vapor	Rat	2000 ppm	4 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10.768 a/ka	-
4-methylpentan-2-one	LC50 Inhalation Vapor	Rat	11 mg/t	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	_
	LD50 Oral	Rat	2.08 q/kq	-
ethyl 3-ethoxypropionate	LD50 Dermal	Rabbit	>5 q/kg	-
	LDS0 Oral	Rat	3200 mg/kg	
pentane-2 4-dione	LC50 Inhalation Vapor	Rat	5.1 mg/l	4 hours
	LD50 Dermal	Rat	790 mg/kg	-
	LD50 Graf	Rat	570 mg/kg	_

United States Page: 8/14 Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA88BOCT THINNER COMPONENT

There are no data available on the mixture itself.

Section 11. Toxicological information

Conclusion/Summary Irritation/Corrosion

Conclusion/Summary Skin There are no data available on the mixture itself. Eves

Respiratory Sensitization

Conclusion/Summary Skin

There are no data available on the mixture itself, There are no data available on the mixture itself.

There are no data available on the mixture itself. : There are no data available on the mixture itself.

Respiratory Mutagenicity Conclusion/Summary : There are no data available on the mixture itself.

Carcinogenicity Conclusion/Summary : There are no data available on the mixture itself.

Classification IARC NTP OSHA Product/ingredient name methylpentan-2-one

inogen Classification code

IARC: 1, 2A, 2B, 3,4 NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen OSHA: + Not listed/not regulated: -

Reproductive toxicity

Conclusion/Summary : There are no data available on the mixture itself. Teratogenicity Conclusion/Summan/ : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Route of exposure Target organs n-butyl acetate 4-methylpentan-2-one Category 3 Category 3 Narcotic effects

Specific target organ toxicity (repeated exposure)

Target organs

Contains material which causes damage to the following organs: miticous membranes, brain, central nervous system (CNS), Contains material which may cause damage to the following organs: kidneys, tungs, the nervous system. liver, upper respiratory tract, skin, eye, lens or comea.

Aspiration hazard

Not available

Information on the likely routes of exposure

Potential acute health effects

United States Page: 9/14

Date of issue 19 December 2023 Version 19 Product code CA8800CT THINNER COMPONENT Product name CA8800CT THINNER COMPONENT

Section 11. Toxicological information

known significant effects or critical hazards.

Numerical measures of toxicity

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
CA8800CT THINNER COMPONENT	2876,0	6862.3	N/A	19,9	4.9
n-butyl acetate	10768	N/A	N/A	N/A	N/A
4-methylpentan-2-one	2080	N/A	N/A	11	1.5
ethyl 3-ethoxypropionate	3200	N/A	N/A	N/A	N/A
pentane-2 4-dinne	570	790	N/A	5.1	N/A

Section 12. Ecological information

Toxicity			
Product/ingredient name	Result	Species	Exposure
n-butyl acetate 4-methylpentan-2-ons ethyl 3-ethoxypropionate	Acute LC50 18 nig/l Acute LC50 >179 ing/l Acute LC50 60.9 mg/l	Fish Fish Fish	96 hours 96 hours 96 hours

tauan aud dausadahilitu

Product/ingredient name	Test	Result	Dose	Inoculum
n-butyl acetate 4-methylpentan-2-one	TEPA and OECD 301D OECD 301F	83 % - Readily - 28 days 83 % - Readily - 28 days	i	
Product/ingredient name	Aquatic half-life	Photolysis		Biodegradability
n-butyl acetate 4-methylpentan-2-one ethyl 3-ethoxypropionate	l i	-		Readily Readily Readily

Binaccumulative notential

Dicadedinardiac potentia			
Product/ingredient name	LogPew	BCF	Potential
n-butyl acetate	2.3	-	Low
4-methylpentan-2-one	1,9	-	Low
ethyl 3-ethoxypropionate	1.47	11-	Low
pentane-2.4-dione	0.68	-	Low

Mobility in soil

Soil/water partition coefficient (Koc)

: Not available

Page: 11/14 United States

Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA8800CT THINNER COMPONENT

Section 11. Toxicological information

Eye contact Inhalation

Causes serious eye irritation.
Harmful fi inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Defatting to the skin. May cause skin dryness and irritation.
Can cause central nervous system (CNS) depression.

Skin contact Ingestion

Over-exposure signs/symptoms

Eye contact

SOME

Adverse symptoms may include the following pain or irritation vatering redness

Adverse symptoms may include the following nausea or vomitting headache Inhalation

drowsiness/fatioue dizziness/vertigo unconsciousness

Skin contact : Adverse symptoms may include the following

irritation dryness cracking

Ingestion No specific data,

Delayed and immediate effects and also chronic effects from short and long term exposure

and also chronic effects from short and long term exposure. There are no data available on the mixture itself. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system limitation and adverse health effects with a smucous membrane as missing the supportions and signs include headache, dzizniess. Fatigue, muscular weekness, drowsliness and, in eatherms cases loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greatel hearing loss than expected from exposure to noise alone. If splashed in the eyes the liquid may cause initiation and reversible damage, Ingestion may cause noises, diarribe and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-erm and long-term exposure by oral inhalation and dermal routes of exposure and eye confact.

Short term exposure

Potential immed effects : There are no data available on the mixture itself. Potential delayed effects : There are no data available on the mixture itself.

Long term exposure Potential immediate

: There are no data available on the mixture itself. effects Potential delayed effects : There are no data available on the mixture itself.

Potential chronic health effects

: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. General

Suspected of causing cancer. Risk of cancer depends on duration and level of

 exposure,
 No known significant effects or critical hazards. Mutagenicity

> United States Page: 10/14

Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19 Product name CA8800CT THINNER COMPONENT

Section 13. Disposal considerations

Disposal considerations

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any control of the product solutions and control of the product solutions and increased waste disposal contractor. Waste house of supplies the decision of the sever unless fully compared to the sever unless fully considered to the sever unless fully several to the several

14. Transport information

	DOT	IMDG	IATA
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport hazard class (es)	3	3	3
Packing group	111	III	III
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable,	Not applicable.
Product RQ (lbs)	13799.7	Not applicable.	Not applicable.
RQ substances	(n-butyl acetate, 4-methylpentan-2-one)	Not applicable.	Not applicable.

Additio DOT

Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

: None identified,

IMDG

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. Special precautions for user :

United States Page: 12/14 Product code CA8800CT THINNER COMPONENT Product name CA8800CT THINNER COMPONENT

Date of issue 19 December 2023 Version 19

One time notification

Listed

14. Transport information

Transport in bulk according : Not applicable to IMO instruments

Section 15. Regulatory information

United States

United States inventory (TSCA 8b) : All components are active or exempted.

United States - TSCA 12(b) - Chemical export notification: pentiane-2,-dione
United States - TSCA 5(a)2 - Proposed significant new use rules: pentiane-2,-dione

SARA 302/304

SARA 304 RQ : Not applicable,

Composition/information on ingredients

No products were found,

SARA 311/312

Classification

: FLAMMABLE LIQUIDS - Category 3
ACUTE TOXICITY (inhalation) - Category 4
EYE IRRITATION - Category 2A
CARCINOGENICITY - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) Category 3
HNOC - Defatting initiant
HNOC - May form explosive peroxides.

Name	%	Classification
n-butyl acetate	≥20 - ≤50	FLAMMABLE LIQUIDS - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 HNOC - Defatting irritant
4-methylpentan-2-one	≥20 - ≤43	FLAMMABLE LIGUIDS - Category 2 ACUTE TOXICITY (inhalation) - Category 4 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 HNOC - Defatina irritant
ethyl 3-ethoxypropionate	≥10 - \$20	FLAMMABLE LIQUIDS - Category 3 HNOC - Defatting irritant HNOC - May form explosive peroxides.
pentane-2,4-dione	≥10 - ≤15	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 3 ACUTE TOXICITY (inhalation) - Category 3

SARA 313

Chemical name

CAS number Concentration

United States Page: 13/14 Product code CA8800CT THINNER COMPONENT Date of issue 19 December 2023 Version 19

Product name CA8800CT THINNER COMPONENT

Section 15. Regulatory information

Supplier notification : 4-methylpentan-2-one 108-10-1 15 - 40

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

California Prop. 65

MARNING: Cancer and Reproductive Harm - yww,P65Warnings.ca,gov,

Section 16, Other information

Hazardous Material Information System (U.S.A.)

Health: 2 * Flammability: 3 Physical hazards: 1 (*) - Chronic effects

Custion: HMISF: ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or fisks, and 4 representing significant hazards or risks. Ambugh HMISF ratings and the associated label are not required on MSDSs or products lexing a facility under 29 CFR 1910,1290, the preparer may choose to provide them, NMISFs ratings are to be used with a fully implemented HMISF program, HMISS is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS€ Personal Protective Equipment (PPE) codes, consult the HMIS€ Implementation Manual.

National Fire Protection Association (U.S.A.) Health: 2 Flammability: 3 In

Instability : 1

Organization that prepared : EHS the SDS

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bloconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
BC = International Air Transport Association
BC = International Maritime Dangerous Goods
LogPow = loganthm of the catanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973
as modified by the Protocol of 1978, ("Marpof" = marine pollution)
N/A = Not available
SQR = Septemation Group

SGG = Segregation Group UN = United Nations

Indicates information that has changed from previously issued version.

Disclaimer

<u>Uisclaimer</u>

The information contained in this data sheel is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No bloshity can be accepted for any fallure to observe the precautionary measures described in this data sheet or for any misuse of the products.

United States Page: 14/14

SAFETY DATA SHEET



Date of issue/Date of revision 9 May 2024

Version 21

Section 1. Identification

Product name CARRODZ ACTIVATOR COMPONENT CASSOUZ ACTIVATOR COMPONENT Product code

: Not available. Other means of identification

Product type : Liquid

Relevant identified uses of the substance or mixture and uses advised against

Industrial applications Use of the substance/

Uses advised against

: Not applicable.

Manufacturer

: PPG Aerospace PRC-DeSoto 12780 San Fernando Road Sylmar. CA 91342 Phone: 818 362 6711 : (412) 434-4515 (U.S.) (514) 645-1320 (Canada) 01-800-00-21-400 (Mexico)

Emergency telephone

Section 2. Hazards identification

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910, 1200). OSHA/HCS status

Classification of the substance or mixture

(29 CFR 1910.1200).
FLAMMABLE LOUIDS - Category 3
ACUTE TOXICITY (inhalation) - Category 4
SKIN SENSITIZATION - Category 1
SKIN SENSITIZATION - Category 1
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract intration) - Category 3

Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity.

GHS label elements Hazard pictograms



Signal word : Warning

> United States Page: 1/14

Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024

Product name CA8800Z ACTIVATOR COMPONENT

Section 3. Composition/information on ingredients

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person. Description of necessary first aid measures

Eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. Remove to fresh air, Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained Inhalation

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. Skin contact

If swallowed, seek medical advice immediately and show this container or label, Keep person warm and at rest. Do NOT induce vomiting. Ingestion

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eve contact No known significant effects or critical hazards. nhalation

Harmful if inhaled. May cause respiratory initiation.

Defatting to the skin. May cause skin dryness and Irritation. May cause an allergic skin reaction.

Ito known significant effects or critical hazards. Skin contact

Ingestion : N
Over-exposure signs/symptoms

Eve contact No specific data. Inhalation

Adverse symptoms may include the following: respiratory tract irritation

coughing

Skin contact Adverse symptoms may include the following

irritation redness dryness

cracking : No specific data. Ingestion

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Ho specific treatment. Specific treatments

. No action shall be taken involving any personal risk or without suitable training. If it is suspected that times are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus, it may be dangerous to the person providing aid to give mouth-to-mouth resuscriation. Wash contaminated clothing thoroughly with water before removing it or wear gloves.

See toxicological information (Section 11)

Protection of first-aiders

United States Page: 3/14 Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Version 21

Product name CA8800Z ACTIVATOR COMPONENT

Section 2. Hazards identification

Flammable liquid and vapor. May cause an allergic skin reaction. Harmful if inhaled. May cause respiratory irritation.

Precautionary statements

Hazard statements

Prevention

Response

Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, not surfaces, sparks, open flames and other ignition sources. No smoking, Use explosion-provide electrical, wentilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Use only outdoors or in a well-ventilated area, Avoid breathing wapor. Contaminated work clothing must not be allowed out of the workplace.

workplace.

IF INITALED. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothings, Rinse skin with water. Wash contaminated clothing before reuse. IF ON SKIN Wash with plenty of water. If skin irration or rash occurs: Get medical advice or attention.

: Store locked up. Store in a well-ventilated place, Keep container tightly closed, Keep cont

: Dispose of contents and container in accordance with all local, regional, national and international regulations. Disposal Supplemental label

international regulations.

I Moisture-sensitive material, Skin contact to isocyanate monomer may lead to allergic lung reaction. Based on the properties of the isocyanate components and considering toxicological data on similar mutures, this mixture may cause acute irration and/or sensitization of the respiratory system, leading to an asthmatic condition wheezing and tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL. Repeated exposure may lead to permanent respiratory disability. Persons with a history of skin sensitization problems or asthma allergies or chronic or recurrent respiratory disability or short of the properties of the properties of the product is used. Avoid contact with six and clothing. Watch thoroughly after handling. Emits toxic furnes when heated.

Prolonged or repeated contact may dry skin and cause irritation.

Hazards not otherwise classified

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

: CARROUT ACTIVATOR COMPONENT Product name

CAS number Ingredient name Rexamethylene disocyanate, oligomers.
3-Isocyanatomethyl-3,5 5-trimethylcyclohexyl isocyanate, oligomers ≥50 - ≤75 28182-81-2 53890-05-0 (EC ≥20 - ≤50 (isocyanurate type) 931-312-3) ≥10 - <20 n-butyl acetate 123-86-4

SUB codes represent substances without registered CAS Numbers

Any concentration shown as a range is to protect confidentiality or is due to batch variation

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting

United States Page: 2/14

Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024

Product name CA8800Z ACTIVATOR COMPONENT

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

: Use dry chemical, CO2, viater spray (fog) or foam,

Unsuitable extinguishing

: Do not use water jet

Specific hazards arising from the chemical

: Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may bust, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal omposition products Decomposition products may include the following materials: carbon oxides nitrogen oxides Cyanate and isocyanate, hydrogen cyanide

Special protective actions for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire are

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode,

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ve adjumment and emergency processures

No action shall be taken involving any personal risk or without suitable training.

Evaculate surrounding areas. Keep junnecessary and unprotected personnel from entering. Do not touch or work through spilled materials. Not I all lignificant or sources. Not flares smoking or flarms in hazard area. Avoid breathing vapor or mist. Provide adequate exhibition. We appropriate respirator when vertilation is inadequate. Put on appropriate personal protective equipment, If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnet".

For emergency responders ;

emergency personnel

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers, Inform the relevant authorities if the product has caused environmental polition (sewers, waterways, soil or air.

Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Page: 4/14

Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Product name CA8800Z ACTIVATOR COMPONENT

Section 6. Accidental release measures

Large spill

Special provisions

tal release measures

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses basements or confined areas, Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbert material e.g. sand, earth, vernicultie or distorned course with any place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbert material may pose the same hazard as the spilled product. Note: see Section 16 for emergency contact information and Section 13 for waste disposale.

Contain and collect spillage with non-combustible, absorbert material e.g. sand earth, vermicultie or distomaceous earth and place in container for disposal according to local regulations (see Section 13). Place in a suitable container. The contaminated area should be cleaned immedialley with a suitable decontainers. The contaminated area should be cleaned immedialley with a suitable decontainers. The contaminated area parts is expected to the contaminant comprises (by volume), water (45 parts), ethanol or isopropyl alcohol (50 parts) and concentrated (d. 880) ammonia solution (5 parts), and normamble alternative is sodium carbonate (5 parts) and water (95 parts), add the same decontaminant to the remnants and let stand for several days until no further reaction in an unsealed container. Once this stage is reached, close container and dispose of according to local regulations (see section 13), Do not alloys until no further reaction in an unsealed container. Once this stage is reached, close container and dispose of according to local regulations (see section 13), Do not alloy to tenter drains.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in syes or on skin or clothing. Do not ingest. Avoid breathing upon or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible malerial. kept tightly closed when not in use. Store and use away from heat: sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating lighting and material handling) equipment. Use enjoy non-sparking tools. Take precautionary measures against electrostatic discharges, Empty containers retain product residue and can be hazardous. Do not reuse container. Vapots may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system read the Safety Data Sheeks) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Special precautions

Advice on general occupational hygiene

United States

Page: 5/14

Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Version 21 Product name CA8800Z ACTIVATOR COMPONENT

Section 8. Exposure controls/personal protection

ntal expos

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

Wash hands forearms and face thoroughly after handling chemical products before valing smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated citching. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyefface protection

: Safety glasses with side shields

Skin protection

Hand protection

: Chemical-resistant impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Other skin protection

Respiratory protection

protection time of the gloves cannot be accurately estimated, butly rubber Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistate protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Appropriate footwear and any additional skin protection neasures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Use an ail-fed respiration unless a site-specific assessment determines that an ail-fed respiration unless a site-specific assessment determines that an ail-fed respiration unless a site-specific protection is necessary and what type of protection is appropriate. Respirator selection must be based on known or anticipated exposure levels the hazards of the product and the safe working limits of the selected exposure levels, the hazards of the product and the safe working limits of the selected

Restrictions on use

The respiratory protection shall be in accordance to 29 CFR 1910.134. Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used.

Section 9. Physical and chemical properties

Appearance

Physical state Color : Clear. Odor Not available. Odor threshold Not available. Not applicable Melting point : Not available.

United States Page: 7/14 Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Version 21 roduct name CA8800Z ACTIVATOR COMPONENT

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities in compatibilities incompatibilities inco incompanione materials (see Section 1) and topo and office. Store locked up., galman all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept puright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Precautions should be taken to minimize exposure to atmospheric humidity or water. CO₂ will be formed, which, in closed containers, could result in pressurization.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure Ilmits
Mexamethylene diisocyanate, oligomers,	IPEL (-).
	TWA: 0.5 mg/m ³
	STEL: 1 mg/m ³
3-Isocyanatomethyl-3.5.5-trimethylcyclohexyl isocyanate oligomers (isocyanurate type)	IPEL (-).
	TWA: 0,5 mg/m ³
	STEL: 1 mg/m³
n-butyl acetate	OSHA PEL (United States, 5/2018).
	TWA: 710 mg/m² 8 hours.
	TWA: 150 ppm 8 hours.
	ACGIH TLV (United States, 7/2023), [Butyl
	acetates
	STEL; 150 ppm 15 minutes,
	TWA 50 ppm 8 hours,

Key to abbreviations

 Acceptable Maximum Peols
 American Conference of Governmental Industrial Hygicolstit.
 Ceding Limit
 Fume
 Internal Permissible Exposure Limit
 Occupational Safety and Health Administration.
 Respub ACGIH Skin sensitization Short term Exposure limit values Total dust Threshold Limit Value Time Weighted Average

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required,

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statisticity limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment,

Date of issue 9 May 2024

United States Page: 6/14

Product name CA8800Z ACTIVATOR COMPONENT

Section 9. Physical and chemical properties

126.11°C (259°F) Boiling point Closed cup: 28.89°C (84°F) Flash point

Product code CA8800Z ACTIVATOR COMPONENT

Auto-ignition temperature : Not available. Decomposition temperature : Not available Flammability : Not available Lower and upper explosive (flammable) limits : Not available Evaporation rate : Not available Vapor pressure : Not available. : Not available. : 1.12 Vapor density Relative density Density (fbs / gal) 9.35

Media Result Solubility(ies) cold water Partially soluble : Not applicable

Partition coefficient: n-octanol/water

Viscosity : Kinematic (40 C (104 F)) >21 mm /s (>21 cSt)

voc : 116 g/l % Solid, (w/w) : 89,36

Section 10. Stability and reactivity

: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable

Possibility of hazardous reactions

: Under normal conditions of storage and use hazardous reactions will not occur

Conditions to avoid

: In a fire hazardous decomposition products may be produced,

Refer to protective measures listed in sections 7 and 8

Keep away from loxidizing agents, strong alkalis strong acids annines, alcohols water, Uncontrolled exothermic reactions occur with amines and alkohols.

Hazardous decomposition

Depending on conditions, decomposition products may include the following materials.
 Cyanate and isocyanate, carbon oxides, nitrogen oxides, hydrogen cyanide.

United States Page: 8/14 Product code CA8800Z ACTIVATOR COMPONENT Version 21 Product name CA8800Z ACTIVATOR COMPONENT

Section 11. Toxicological information

Information on toxicological effects Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Mexamethylene diisocyanate, oligomers.	LD50 Dermal	Rabbit	>2000 mg/kg	1
ů.	LD50 Oral	Rat - Female	>2500 mg/kg	-
3-Isocyanatomethyl- 3.5.5-trimethylcyclohexyl isocyanate, oligomers (isocyanurate type)	LC50 Inhalation Dusts and mists	Rat	>5010 mg/m ²	4 hours
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	LD50 Oral	Rat	>14 g/kg	-
n-butyl acetate	LC50 Inhalation Vapor	Rat	>21.1 mg/l	4 hours
	LC50 Inhalation Vapor	Rat	2000 ppm	4 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10,768 g/kg	-

Conclusion/Summary . There are no data available on the mixture itself.

Irritation/Corrosion

Conclusion/Summary

Eyes Respiratory

There are no data available on the mixture itself. There are no data available on the mixture itself. There are no data available on the mixture itself. Sensitization

Result Product/ingredient name Route of Species exposure 3-Isocyanatomethyl-3.5.5-trimethylcyclohexyl isocyanate, oligomers tisocyanurate type; skin Guinea pig

Conclusion/Summary Skin

Respiratory Mutagenicity

: There are no data available on the mixture itself.

Conclusion/Summary Carcinogenicity

; There are no data available on the mixture itself, : There are no data available on the mixture itself.

There are no data available on the mixture itself.

Reproductive toxicity Conclusion/Summary

: There are no data available on the mixture itself,

Teratogenicity Conclusion/Summary

There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

United States

nsitizing

Page: 9/14

Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Product name CA8800Z ACTIVATOR COMPONENT

Section 11. Toxicological information

Potential delayed effects : There are no data available on the mixture itself

Long term exposure

Potential immediate : There are no data available on the mixture itself effects Potential delayed effects : There are no data available on the mixture itself.

Potential chronic health effects

General

Prolonged or repeated contact can defat the skin and lead to irritation cracking and/or dermatitis. Once sensitized a severe allergic reaction may occur when subsequently exposed to very low levels.

: No known significant effects or critical hazards.

Mutagenicity Reproductive toxicity : No known significant effects or critical hazards. : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
EA8800Z ACTIVATOR COMPONENT	3735.4	2902.1	N/A	16.4	2.2
Hexamethylene diisocyanate, oligomers,	2500	2500	N/A	11	1.5
n-butyl acetate	10758	N/A	N/A	N/A	N/A

Section 12. Ecological information

_		-
Tox	içit	ď

Product/ingredient name	Result	Species	Exposure
Hexamethylene diisocyanate cligomers.	Acute EC50 >1000 mg/l	Algae - scenedesmus subspicatus	72 hours
	Acute EC50 >100 mg/l Acute LC50 >100 mg/l	Daplinia - daphnia magna Fish - Danio reno (zebra fish)	48 hours 96 hours
n-butyl acetate	Acute LC50 16 mg/l	Fish	96 hours

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
n-butyl acetate	TEPA and OECD 301D	83 % - Readity - 28 days	11	
Product/ingredient name	Aquatic half-life	Photolysis		Biodegradability
lexamethylene diisocyanate oligomers. n-butyl acetate	-			Not readily Readily

Bioaccumulative potential

United States Page: 11/14 Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Version 21 roduct name CA8800Z ACTIVATOR COMPONENT

Section 11, Toxicological information

Name	Category	Route of exposure	Target organs
Hexamethylene diisocyanate, oligomers,	Category 3	-	Respiratory tract
3-Isocyanatomethyl-3,5.5-trimethylcyclohexyl isocyanate, olicomers (isocyanurate type)	Category 3	-	Respiratory tract
n-butyl acetate	Category 3	-	Narcotic effects

Specific target organ toxicity (repeated exposure)

Target organs

: Contains material which causes damage to the following organs: brain.
Contains material which may cause damage to the following organs: upper respiratory tract, skin, central nervous system (CNS) eye. lens or comea.

Aspiration hazard Not available.

Information on the likely routes of exposure

Potential acute health effects

No known significant effects or critical hazards. Eye contact

: Harmful if inhaled, May cause respiratory initation. : Defatting to the skin, May cause skin dryness and irritation, May cause an allergic skin Skin contact

reactio. Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

No specific data. Eye contact Inhalation

: Adverse symptoms may include the following: respiratory tract irritation

Skin contact : Adverse symptoms may include the following:
irritation
redness
dryness
cracking
Ingestion : No specific data.
Delayed and immediate effects and also chronic effects from short and long term exposure
Conclusion/Summary : There are no data available on the mixture itself. Skin contact to

Conclusion/Summary

ts and also chronic effects from short and long term exposure:
There are no data available on the mixture itself. Skin contact to isocyanate mononer may lead to allergic lung reaction. Based on the properties of the isocyanate components and considering loxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system. leading to an asthmatic condition, whereing and tightness of the chest. Repeated exposure may lead to permanent respiratory disability. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause ausee, a diarrhea and vomiting. This takes into account, where known delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Short term exposure

: There are no data available on the mixture itself.

United States Page: 10/14

Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Version 21 Product name CA8800Z ACTIVATOR COMPONENT

Section 12. Ecological information

Product/ingredient name	LogPow	BCF	Potential
Mexamethylene diisocyanate. oligomers.	5.54	3.2	Low
n-butyl acetate	2.3	-	Low

Mobility in soil

Soil/water partition coefficient (Kee)

: Not available.

Section 13. Disposal considerations

Disposal considerations

1: The generation of waste should be avoided or minimized wherever possible. Disposal of this product solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of sumplus and non-recyclobib products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully complant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feesible. This material and its container must be disposed of in a safe way. Care should be taken when handling empited containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapar from product residues may create a highly flammable or explosive atmosphere made the container. Do not cut. veld or guidu used containers unless they have been cleaned thoroughly internally. Avoid dispersal of a pilled material and runoff and contact with soil waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees, Section 6. Accidental release measures

	DOT	IMDG	ATAI
UN number	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class (es)	3	3	3
Packing group	111	DI	Ut
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable,
Product RQ (lbs)	47015.6	Not applicable.	Not applicable.
RQ substances	in-butyl acetatei	Not applicable.	Not applicable.

Additional information

United States Page: 12/14 Product code CA8800Z ACTIVATOR COMPONENT Date of issue 9 May 2024 Version 21 Product name CA8800Z ACTIVATOR COMPONENT

14. Transport information

DOT Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

IMDG : None identified, IATA

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not applicable, to IMO instruments

Section 15. Regulatory information

United States

United States inventory (TSCA 8b) : All components are active or exempted.

SARA 302/304

SARA 304 RQ : Not applicable. Composition/information on ingredients

No products were found.

SARA 311/312

Classification

; FLAMMABLE LIQUIDS - Category 3
ACUTE TOXICITY (inhalation) - Category 4
SNIN SEINSITIZATION - Category 1
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) {Respiratory tract infration) - Category 3
HNOC - Defatting irritant

Composition/information on ingredients

Name	%	Classification
Pexamethylene dijsocyanate. oligomers.	≥50 - ≤75	COMBUSTIBLE DUSTS ACUTE TOXICITY (inhalation) - Category 4 SKIN SENSITIZATION - Category 1A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE (Respiratory trad initiation) - Category 3
3-Isocyanatomethyl- 3.5.5-trimethylcyclohexyl isocyanate_oligomers (isocyanurate lype)	≥20 - ≤50	SKIN SENSITIZATION - Category 18 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE (Respiratory tract imitation) - Category 3
n-bufyl acetate	≥10 - <20	FLAMMABLE LIQUIDS - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE (Narcotic effects) - Category 3 HNOC - Defatting irritant

United States Page: 13/14

Product code CA8800Z ACTIVATOR COMPONENT Product name CA8800Z ACTIVATOR COMPONENT

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health: 3 * Flammability: 3 Physical hazards: 1 (*) - Chronic effects

Caution, HMMS- ratings are based on a 04 rating scale, with 0 representing minimal hazards or risks, and 4 representing significent hazards or risks. Although HMSS- ratings and the associated label are not required on MSDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMSS- ratings are to be used with a fully implemented HMISS- program. HMSS- is a registered trademask and service mark of the American Goatings Association, Inc.

The customer is responsible for determining the PPE code for this material, For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)

Health : 3 Flammability : 3 Instability : 1

Organization that prepared : EHS the SDS

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Art Transport Association
IBC = Internediate Butk Container
IMDG = International Maritime Dangerous Goods
LogPow = Degrithm of the octaniovater partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973
as modified by the Protocol of 1978, ("Marpol" = marrine pollution)
INIA = Not available
US = GG = Segregation Group
UN = United Nations

▼ Indicates information that has changed from previously issued version.

Disclaimer

<u>Uisciaimset</u>

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No blashity can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

United States Page: 14/14