

# SAFETY DATA SHEET

## Tacoma Screw Premium Silicone Sealant Black

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### Section 1. Identification

**GHS product identifier** Product name : Premium Silicone Sealant Black  
**Other means of identification** Product code : 614-002

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

Sealant.

**Supplier's details** : Tacoma Screw Products, Inc.  
2001 Center Street  
Tacoma, WA 98409

**Emergency telephone number** : AAPCC: 1(800)222-1222

### Section 2. Hazards identification

For this product, the ignition distance test and the flammability test do not apply. Therefore, the final product is non-flammable.

**OSHA/HCS status** : Not a hazardous substance or mixture.

**Classification of the substance or mixture**

GHS label elements

**Hazard pictograms** : Not a hazardous substance or mixture.

**Signal word** : **Prevention**  
**Hazard statements** : P271 Use only outdoors or in a well-ventilated area.

Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Do not breathe vapor. Contaminated work clothing should not be allowed out of the workplace.
- Response** : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.
- Storage** : Store locked up. Protect from sunlight. Store in a well-ventilated place.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available
- Chemical Nature** :  
Silicone elastomer

### CAS number/other identifiers

- CAS number** : Not applicable.
- Product code** : Not available.

### Hazardous ingredients:

Chemical Name	CAS-No.	Concentration (%)
Silicon dioxide	7631-86-9	>= 5 - < 10
Distillates (petroleum), hydrotreated middle	64742-46-7	>= 5 - < 10
Titanium dioxide	13463-67-7	>= 1 - < 5
Aluminium	7429-90-5	>= 1 - < 5
Carbon black	1333-86-4	>= 0.1 - < 1

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 in this section.

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

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

## Section 4. First aid measures

- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.
- Skin contact** : Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Flush eyes with water as a precaution.  
Get medical attention if irritation develops and persists.
- Skin contact** : Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No known significant effects or critical hazards.

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

- Notes to physician** : Treat symptomatically and supportively
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. No special precautions are necessary for first responders/aiders.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

## Section 5. Fire-fighting measures

- Suitable extinguishing media** : Water spray  
Alcohol-resistant foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media** : None known.
- Specific hazards arising from the chemical** : None known
- Special protective actions for fire-fighters** : No special precaution is required.
- 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** : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : 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 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 pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

#### Precautions for safe handling

- Protective measures** : Soak up with inert absorbent material.  
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

## Section 7. Handling and storage

### Advice on general occupational hygiene

- : 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. See also Section 8 for additional information on hygiene measures.

### Conditions for safe storage, including any incompatibilities

- : Store in accordance with local regulations. 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. Protect from sunlight. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis

## Section 8. Exposure controls and personal protection

Version 1.0      Revision Date: 02/25/2015      MSDS Number: 1373684-00001      Date of last issue: -  
 Date of first issue: 02/25/2015

Silicon dioxide	7631-86-9	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA	6 mg/m3 (Silica)	NIOSH REL
Distillates (petroleum), hydrotreated middle	64742-46-7	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH
Aluminium	7429-90-5	TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3 (Aluminum)	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3 (Aluminum)	OSHA Z-1
		TWA (pyro powders)	5 mg/m3 (Aluminum)	NIOSH REL
		TWA (Respirable fraction)	1 mg/m3 (Aluminum)	ACGIH
Carbon black	1333-86-4	TWA	3.5 mg/m3	NIOSH REL
		TWA	3.5 mg/m3	OSHA Z-1
		TWA (Inhalable fraction)	3 mg/m3	ACGIH

## Section 8. Exposure controls and personal protection

### Occupational exposure limits

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
- Individual protection measures**
- Hygiene measures**
- Eye/face 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.
- Hand 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 handling this product.
- Body protection** : Appropriate footwear 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.
- Respiratory protection** : Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respiratory.

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. 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.

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

## Section 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	: Paste
<b>Color</b>	: in accordance with the product description
<b>Odor</b>	
<b>Odor threshold</b>	: Acetic acid
<b>pH</b>	: Not available.
<b>Melting point</b>	: Not available.
	: Not available.
<b>Boiling point</b>	: Not available.
<b>Flash point</b>	: > 100 °C Method: closed cup
<b>Burning time</b>	: Not applicable.
<b>Burning rate</b>	: Not applicable.
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 1.007
<b>Solubility</b>	: Not available.
<b>Solubility in water</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>SADT</b>	: Not available.
<b>Viscosity</b>	: Not available

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidizing materials and moisture.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on likely routes of exposure

Skin contact

Ingestion

Eye contact

### ***Acute toxicity***

Not classified based on available information.

### ***Product:***

Acute inhalation toxicity : Acute toxicity estimate: > 10 mg/l  
 Exposure time: 4 h  
 Test atmosphere: dust/mist  
 Method: Calculation method

### ***Ingredient***

#### ***Si***

**Acute oral toxicity** : LD50 (Rat): > 3,300 mg/kg  
 Assessment: The substance or mixture has no acute oral toxicity  
 Remarks: Information taken from reference works and the literature.

**Acute inhalation toxicity** : LC50 (Rat): > 2.08 mg/l  
 Exposure time: 4 h  
 Test atmosphere: dust/mist  
 Assessment: The substance or mixture has no acute inhalation toxicity  
 Remarks: Information taken from reference works and the literature.

**Acute dermal toxicity** : LD50 (Rabbit): > 5,000 mg/kg  
 Assessment: The substance or mixture has no acute dermal toxicity  
 Remarks: Information taken from reference works and the literature.

***Distillates (petroleum), hydrotreated middle:***

**Acute oral toxicity** : LD50 (Rat): > 5,000 mg/kg

**Acute inhalation toxicity** : LC50 (Rat): 1.78 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity

: LD50 (Rat): > 2,000

mg/kg

***Titanium dioxide:***

**Acute oral toxicity** : LD50 (Rat): > 5,000 mg/kg

**Acute inhalation toxicity** : LC50 (Rat): > 6.82 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity

***Aluminium:***

**Acute oral toxicity** : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
Remarks: Based on data from similar materials

**Acute inhalation toxicity** : LC50 (Rat): > 0.888 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

***Carbon black:***

**Acute oral toxicity** : LD50 (Rat): > 5,000 mg/kg

**Acute inhalation toxicity** : LC50 (Rat): > 0.0046 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity

***Skin corrosion/irritation***

Not classified based on available information.

**Ingredient****s: Silicon  
dioxide:**

Result: No skin irritation

Remarks: Information taken from reference works and the literature.

**Titanium dioxide:**

Species: Rabbit

Result: No skin irritation

**Aluminium:**

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

Remarks: Based on data from similar materials

**Carbon black:**

Species: Rabbit

Result: No skin irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Ingredients:****Silicon dioxide:**

Result: No eye irritation

Remarks: Information taken from reference works and the literature.

**Titanium dioxide:**

Species: Rabbit

Result: No eye irritation

**Aluminium:**

Species: Rabbit

Result: No eye irritation

Remarks: Based on data from similar materials

**Carbon black:**

Species: Rabbit

Result: No eye irritation

**Respiratory or skin sensitization**

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

**Ingredient****s: Silicon****dioxide:**

Assessment: Does not cause skin sensitization.

Test Type: Skin: test type not specified

Species: Guinea pig

Remarks: No known sensitising effect.

Information taken from reference works and the literature.

**Titanium dioxide:**

Test Type: Local lymph node assay (LLNA)

Routes of exposure: Skin contact

Species: Mouse

Result: negative

**Aluminium:**

Routes of exposure: Skin contact

Species: Guinea pig

Result: negative

Remarks: Based on data from similar materials

**Carbon black:**

Test Type: Buehler Test

Routes of exposure: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

**Germ cell mutagenicity**

Not classified based on available information.

**Ingredients:****Silicon dioxide:**

Genotoxicity in vitro : Result: negative  
Remarks: Information taken from reference works and the literature.

Genotoxicity in vivo : Application Route: Ingestion  
Result: negative  
Remarks: Information taken from reference works and the literature.

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

***Titanium dioxide:***

- Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative
- Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Species: Mouse  
Result: negative

***Aluminium:***

- Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test  
Method: OECD Test Guideline 476  
Result: negative
- Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 474  
Result: negative  
Remarks: Based on data from similar materials

***Carbon black:***

- Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

***Carcinogenicity***

Not classified based on available information.  
Species: Rat  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 24 Months  
Method: OECD Test Guideline 453  
Result: positive  
Remarks: The mechanism or mode of action may not be relevant in humans.  
The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

Carcinogenicity - Assessment

- : Limited evidence of carcinogenicity in inhalation studies with animals.

***Aluminium:***

Species: Rat  
Application Route: inhalation (dust/mist/fume)  
Exposure time: 86 weeks  
Result: negative

***Carbon black:***

Species: Rat  
Application Route: Inhalation  
Exposure time: 2 Years  
Result: positive  
Target Organs: Lungs

Remarks: The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

Carcinogenicity - Assessment : Sufficient evidence of carcinogenicity in inhalation studies with animals

**IARC** Group 2B: Possibly carcinogenic to humans

Titanium dioxide 13463-67-7

Carbon black 1333-86-4

**OSHA** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### ***Reproductive toxicity***

Not classified based on available information.

### ***Ingredients:***

#### ***Aluminium:***

Effects on fertility : Test Type: Combined repeated dose toxicity study with the reproduction/developmental toxicity screening test  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 422  
Result: negative  
Remarks: Based on data from similar materials

Effects on fetal development : Test Type: Embryo-fetal development  
Species: Mouse  
Application Route: Ingestion  
Result: negative

### ***STOT-single exposure***

Not classified based on available information.

### ***STOT-repeated exposure***

Not classified based on available information.

### ***Ingredients: Carbon black:***

Routes of exposure: inhalation (dust/mist/fume)

Assessment: No significant health effects observed in animals at concentrations of 0.2 mg/l/6h/d or less.

### ***Repeated dose toxicity Ingredients:***

**Titanium dioxide:** Species: Rat NOAEL: 24,000 mg/kg

Application Route: Ingestion Exposure time: 28 d

Species: Rat NOAEL: 10 mg/m<sup>3</sup>

Application Route: inhalation (dust/mist/fume) Exposure time: 2 y

Remarks: The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

**Carbon black:** Species: Rat NOAEL: 1 mg/m<sup>3</sup>

LOAEL: 7 mg/m<sup>3</sup> Application Route: Inhalation Test

atmosphere: dust/mist Exposure time: 90 d

Remarks: The substance is inextricably bound in the product and therefore does not contribute to a dust inhalation hazard.

### ***Aspiration toxicity***

Not classified based on available information.

### **Ingredients:**

**Distillates (petroleum), hydrotreated middle:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

## Section 12. Ecological information

### Toxicity

#### ***Titanium dioxide:***

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h
- Toxicity to algae mg/l : EC50 (Skeletonema costatum (marine diatom)): > 10,000  
Exposure time: 72 h
- Toxicity to bacteria : EC50: > 1,000 mg/l Exposure time: 3 h  
Method: OECD Test Guideline 209

#### ***Aluminium:***

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 14.6 mg/l Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 0.135 mg/l Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: No toxicity at the limit of solubility.
- Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (green algae)): > 0.004 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: No toxicity at the limit of solubility.
- Toxicity to fish (Chronic toxicity) : NOEC (Pimephales promelas (fathead minnow)): 7.1 mg/l Exposure time: 28 d

#### ***Carbon black:***

- Toxicity to fish : LC0 (Danio rerio (zebra fish)): 1,000 mg/l Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > Method: OECD Test Guideline 202

Toxicity to algae : NOEC (Desmodesmus subspicatus (green algae)): 10,000mg/l  
 5,600 mg/l Exposure time: 24 h  
 Exposure time: 72 h  
 Method: OECD Test Guideline 201

### ***Persistence and degradability***

No data available

### ***Bioaccumulative potential***

No data available

### ***Mobility in soil***

No data available

### ***Other adverse effects***

No data 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 comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant 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 handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## **Section 14. Transport information**

### **International Regulation**

#### **UNRTDG**

Not regulated as a dangerous good

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

### **Domestic regulation**

**49 CFR**

Not regulated as a dangerous good

**Section 15. Regulatory information****EPCRA - Emergency Planning and Community Right-to-Know CERCLA Reportable Quantity**

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Acetic anhydride	108-24-7	5000	*
Acetic acid	64-19-7	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

***SARA 304 Extremely Hazardous Substances Reportable Quantity***

This material does not contain any components with a section 304 EHS RQ.

**SARA 311I312 Hazards** : No SARA Hazards**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

Aluminium 7429-90-5 1.6 %

***US State Regulations Pennsylvania******Right To Know:***

Dimethyl siloxane, hydroxy-terminated	70131-67-8	70 - 90 %
Silicon dioxide	7631-86-9	5 - 10 %
Distillates (petroleum), hydrotreated middle	64742-46-7	5 - 10 %
Iron oxide	1332-37-2	1 - 5 %
Titanium dioxide	13463-67-7	1 - 5 %
Aluminium	7429-90-5	1 - 5 %
Acetic acid	64-19-7	0 - 0.1 %
	108-24-7	0 - 0.1 %
Acetic anhydride		

***New Jersey Right To Know:***

Dimethyl siloxane, hydroxy-terminated	70131-67-8	70 - 90 %
Silicon dioxide	7631-86-9	5 - 10 %
Distillates (petroleum), hydrotreated middle	64742-46-7	5 - 10 %
Iron oxide	1332-37-2	1 - 5 %
Titanium dioxide	13463-67-7	1 - 5 %
Aluminium	7429-90-5	1 - 5 %
Carbon black	1333-86-4	0.1 - 1 %

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

***The ingredients of this product are reported in the following inventories:***

REACH : All ingredients (pre-) registered or exempt.

TSCA : All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

AICS : All ingredients listed or exempt.

IECSC : All ingredients listed or exempt.

PICCS : All ingredients listed or exempt.

DSL : All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

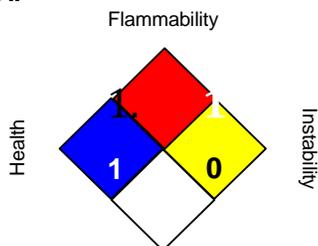
***Inventories***

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

## Section 16. Other information

### Further information

#### NFPA:



Special hazard.

#### HMIS III:

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### 1. Full text of other abbreviations

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3	: USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	: 8-hour, time-weighted average
NIOSH REL / TWA	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	: STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	: 8-hour time weighted average
OSHA Z-1 / TWA	: 8-hour time weighted average
OSHA Z-3 / TWA	: 8-hour time weighted average
Sources of key data used to compile the Material Safety Data Sheet	: Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

## Section 16. Other information

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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