



Conforms to Regulation	(EC) No. 1907/20	06 (REACH), Anne	x II, as amended by	Commission	Regulation (I	EU)
2020/878						

SAFETY DATA SHEET

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier	
GHS product identifier	: 🔽 ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE
1.2. Relevant identified use	es of the substance or mixture and uses advised against
Product use	: Vaterborne coating for interior and exterior use.

1.3. Details of the supplier of the safety data sheet

	Akzonobel South Africa (PTY) LTD NO. 1 PAINTS PLACE DICKENS ROAD UMBOGINTWINI 4126SOUTH AFRICA
e-mail address of person responsible for this SDS	: ZA.Helpline@akzonobel.com
1.4 Emergency telephone n <u>Supplier</u>	umber
Telephone number	: Customer Care 0860 330 111 (Available week days from 08:00 to 16:30). Emergency details: after hours: refer to website for MSDS.
Version	: 12.02
Date of previous issue	• 7-6-2023

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product	definition	
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: Mixture Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Sens. 1, H317

Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 2: Hazards identification

Signal word	:	Warning
Hazard statements	:	H317 - May cause an allergic skin reaction.
		H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements		
General	:	P102 - Keep out of reach of children. P101 - If medical advice is needed, have product container or label at hand.
Prevention	:	P280 - Wear protective gloves. P273 - Avoid release to the environment. P261 - Avoid breathing vapor.
Response	:	P362 + P364 - Take off contaminated clothing and wash it before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.
Storage	:	Not applicable.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national or international regulations.
Hazardous ingredients	:	C(M)IT/MIT(3:1)
Supplemental label elements	:	Not applicable.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	er	<u>its</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do	:	None known.

not result in classification

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≤1	Carc. 2, H351 (inhalation)	-	[1] [*]
ammonia	EC: 215-647-6 CAS: 1336-21-6	≤0.3	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400	STOT SE 3, H335: C ≥ 5% M [Acute] = 1	[1] [2]

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

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SECTION 3	B: Composition/	information on	indredients

C(M)IT/MIT(3:1)	REACH #:	<0.025	Acute Tox. 3, H301	ATE [Oral] = 100	[1]
	01-2120764691-48	10.020	Acute Tox. 2, H310	mg/kg	r.1
	CAS: 55965-84-9		Acute Tox. 2, H330	ATE [Dermal] = 50	
	Index: 613-167-00-5		Skin Corr. 1C, H314	mg/kg	
	IIIdex. 013-107-00-3		Eye Dam. 1, H318	ATE [Inhalation	
			Skin Sens. 1A, H317	(dusts and mists)]	
				· /-	
			Aquatic Acute 1, H400	= 0.05 mg/l	
			Aquatic Chronic 1,	Skin Corr. 1C,	
			H410	H314: C ≥ 0.6%	
			EUH071	Skin Irrit. 2, H315:	
				$0.06\% \le C < 0.6\%$	
				Eye Dam. 1, H318:	
				C ≥ 0.6%	
				Eye Irrit. 2, H319:	
				0.06% ≤ C < 0.6%	
				Skin Sens. 1, H317:	
				C ≥ 0.0015%	
				M [Acute] = 100	
				M [Chronic] = 100	
			See Section 16 for		
			the full text of the H		
			statements declared		
			above.		

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter \leq 10 µm not bound within a matrix.

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

SECTION 4: First aid measures

4.1 Description of 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 10 minutes. Get medical attention if irritation occurs.
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 adverse health effects persist or are severe. 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.
Skin contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 4: First aid measures

Ingestion	: Wash out mouth with water. Remove dentures if any. 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 if adverse health effects persist or are severe. 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.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

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, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, 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.

Contains C(M)IT/MIT(3:1). May produce an allergic reaction.

Over-exposure signs/symptoms

Eye contact Inhalation	: No specific data. : No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

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

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.

5.2 Special hazards arising from the substance or mixture

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 5: Firefighting measures			
Hazards from the substance or mixture	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.		
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides		
5.3 Advice for firefighters			
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.		
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.		

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: 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 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 responder	 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".
6.2 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). Water polluting material. May be harmful to the environment if released in large quantities.
6.3 Methods and materials	for containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. 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.
Large spill	: Stop leak if without risk. Move containers from spill area. 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 diatomaceous earth and place in container for disposal according to

	local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
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6.4 Reference to other	 See Section 1 for emergency contact information.
sections	See Section 8 for information on appropriate personal protective equipment.
	See Section 13 for additional waste treatment information.

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SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

7.1 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 eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
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. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8.2 for additional information on hygiene measures.

7.2 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. 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. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)	
Recommendations	: Not available.
Industrial sector specific	: Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

solutions

Occupational exposure limits

Product/ingredient name		Exposure limit values	
ammonia		EU OEL (Europe, 1/2022). [ammonia, anhydrous] Notes: list of indicative occupational exposure limit values TWA: 20 ppm 8 hours. TWA: 14 mg/m ³ 8 hours. STEL: 50 ppm 15 minutes. STEL: 36 mg/m ³ 15 minutes.	
Recommended monitoring procedures	atmosphere or k of the ventilation protective equip the following: E the assessment limit values and atmospheres - (of exposure to c (Workplace atm for the measure	ontains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness in or other control measures and/or the necessity to use respiratory ment. Reference should be made to monitoring standards, such as uropean Standard EN 689 (Workplace atmospheres - Guidance for to of exposure by inhalation to chemical agents for comparison with measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 iospheres - General requirements for the performance of procedures ment of chemical agents) Reference to national guidance nethods for the determination of hazardous substances will also be	

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 8: Exposure controls/personal protection

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
C(M)IT/MIT(3:1)	DNEL	Long term Inhalation	0.02 mg/m ³	General population	Local
	DNEL	Long term Inhalation	0.02 mg/m ³		Local
	DNEL	Short term Inhalation	0.04 mg/m ³	General population	Local
	DNEL	Short term Inhalation	0.04 mg/m ³		Local
	DNEL	Long term Oral	0.09 mg/ kg bw/day	General population	Systemic
	DNEL	Short term Oral	0.11 mg/ kg bw/day	General population	Systemic

PNECs

No PNECs available.

controls co Individual protection measures W Hygiene measures : W Hygiene measures : W be Ap Co co Skin protection : Sa Skin protection : Ch Hand protection : Ch be thick Co co Co co Co co Skin protection : Ch be thick Ch ch Co co Co co Co co Co co Co co Co co Hand protection : Ch be thi ch ch Co co Co co Co co Hand co Ho co Ho co Co co Co co Co co <t< th=""><th>ood general ventilation should be sufficient to control worker exposure to airborne ontaminants.</th></t<>	ood general ventilation should be sufficient to control worker exposure to airborne ontaminants.
Hygiene measures : W be Ap Co Co co sh Eye/face protection : Sa ga un sic Skin protection Hand protection : Ch be thi co co	(ash hands, forearms, and face thoroughly after handling chemical products
be Ap Co co sh Eye/face protection : Sa as ga un sic <u>Skin protection</u> Hand protection : Ch be thi ch	(ash bands, forearms and face thoroughly after bandling chemical products
as ga un sic <u>Skin protection</u> Hand protection : Ch be thi ch	efore eating, smoking and using the lavatory and at the end of the working period. ppropriate techniques should be used to remove potentially contaminated clothing. ontaminated work clothing should not be allowed out of the workplace. Wash ontaminated clothing before reusing. Ensure that eyewash stations and safety nowers are close to the workstation location.
Hand protection : Ch be thi ch	afety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, ases or dusts. If contact is possible, the following protection should be worn, nless the assessment indicates a higher degree of protection: safety glasses with de-shields.
be thi ch	
dif se	hemical-resistant, impervious gloves complying with an approved standard should e worn at all times when handling chemical products if a risk assessment indicates is is necessary. Considering the parameters specified by the glove manufacturer, neck during use that the gloves are still retaining their protective properties. It nould be noted that the time to breakthrough for any glove material may be fferent for different glove manufacturers. In the case of mixtures, consisting of everal substances, the protection time of the gloves cannot be accurately stimated.
pro rea W (bi Re Gl	/hen prolonged or frequently repeated contact may occur, a glove with a rotection class of 6 (breakthrough time >480 minutes according to EN374) is ecommended. Recommended gloves: Viton ® or Nitrile, thickness \geq 0.38 mm. /hen only brief contact is expected, a glove with protection class of 2 or higher oreakthrough time >30 minutes according to EN374) is recommended. ecommended gloves: Nitrile, thickness \geq 0.12 mm. loves should be replaced regularly and if there is any sign of damage to the glove naterial.
	he performance or effectiveness of the glove may be reduced by physical/ nemical damage and poor maintenance.
pro	he user must check that the final choice of type of glove selected for handling this roduct is the most appropriate and takes into account the particular conditions of se, as included in the user's risk assessment.
Date of issue/Date of revision : 1	

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 8: Exposure controls/personal protection

Body 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.
Other skin 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	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	: 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.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Various: See label.
Odor	: Not available.
Odor threshold	: Not available.
Melting point/freezing point	: Not available.
Boiling point, initial boiling point, and boiling range	: 100°C (212°F)
Flammability	: Not available.
Lower and upper explosion limit	: Not available.
Flash point	: Not available.
Auto-ignition temperature	:

Ingredient name	°C	°F	Method
2-(2-methoxyethoxy)ethanol	215	419	DIN 51794
2,2' -oxybisethanol	229	444.2	DIN EN 14522-S
2-ethoxyethanol	235	455	EU A.15
Glyoxal	285	545	DIN 51794
ethylene glycol monomethyl ether	285	545	
2-methoxyethanol	285	545	
isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	393	739.4	
ethanediol	398	748.4	
Formaldehyde	430	806	
p-toluenesulphonic acid, containing a maximum of 5 % H2SO4	>465	>869	EU A.15
m-xylene	527	980.6	
Decomposition temperature : Not ava	ilable.		
pH : 9 [Conc	. (% w/w): 1%] [DII	N EN 1262]	

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SECTION 9: Physical and chemical properties

1

Viscosity

: Kinematic: 1164 mm²/s [DIN EN ISO 3219]

Solubility(ies)

:

Media	Result
cold water	Easily soluble [OESO (TG 105)]

Partition coefficient: n-octanol/ : Not applicable. water

Vapor pressure

	Vapor Pressure at 2		ure at 20°C	\ \	/apor pres	sure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
ammonia	360.03	48				
Water	23.8	3.2				
Glyoxal	15.15	2	EU A.4			
ethylene glycol monomethyl ether	6.23	0.83				
2-methoxyethanol	6.23	0.83				
m-xylene	6	0.8				
2-ethoxyethanol	3.75	0.5				
Formaldehyde	1	0.13				
2-(2-methoxyethoxy)ethanol	0.22	0.029				
ethanediol	0.09	0.012				
2,2' -oxybisethanol	0.01	0.0013				
2,6-di-tert-butyl-p-cresol	0.01	0.0013				
1-isopropyl- 2,2-dimethyltrimethylene diisobutyrate	<0.011	<0.0015	EU A.4			
isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	0.0098	0.0013	EU A.4			
propylidynetrimethanol	0	0				
C(M)IT/MIT(3:1)	0	0				

Relative density

Density

: 1.375

: Not available.

: 1.375 g/cm³ [DIN EN ISO 2811-1]

- Vapor density Particle characteristics

Median particle size

: 0

Percentage of particles with aerodynamic diameter ≤ 10 μm

: Not applicable.

Date of issue/Date of revision

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE		
SECTION 10: Stabilit	y and reactivity	
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.	
10.2 Chemical stability	: The product is stable.	
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	
10.4 Conditions to avoid	: No specific data.	
10.5 Incompatible materials	: No specific data.	
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.	

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Conclusion/Summary : Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
C(M)IT/MIT(3:1)	100	50	N/A	N/A	0.05

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation	
Titanium dioxide	Skin - Mild irritant	Human	-	72 hours 300	-	
ammonia	Eyes - Severe irritant	Rabbit	-	ug I 0.5 minutes 1 mg	-	
	Eyes - Severe irritant	Rabbit	-	250 ug	-	
C(M)IT/MIT(3:1)	Skin - Severe irritant	Human	-	0.01 %	-	
Conclusion/Summary	: Not available.					
Sensitization						
Conclusion/Summary	: Not available.					
<u>Mutagenicity</u>						
Conclusion/Summary	: Not available.					
Carcinogenicity						
Conclusion/Summary	: Not available.					
Reproductive toxicity						
Conclusion/Summary	: Not available.					
Teratogenicity						
Conclusion/Summary	: Not available.					
Specific target organ toxicit	Specific target organ toxicity (single exposure)					

SECTION 11: Toxico	logical information			
Product/ing	redient name	Category	Route of exposure	Target organs
ammonia		Category 3	-	Respiratory tract irritation
Specific target organ toxici	t <u>y (repeated exposure)</u>			·
Not available.				
Aspiration hazard Not available.				
nformation on the likely outes of exposure	: Not available.			
Potential acute health effects	<u>6</u>			
Eye contact	 No known significant effective 	cts or critical hazard	ds.	
Inhalation	: No known significant effect	cts or critical hazard	ds.	
Skin contact	: May cause an allergic ski	n reaction.		
Ingestion	: No known significant effect	cts or critical hazard	ds.	
Symptoms related to the phy	vsical, chemical and toxicolo	ogical characterist	ics	
Eye contact	: No specific data.			
Inhalation	: No specific data.			
Skin contact	: Adverse symptoms may in irritation redness	nclude the following	j :	
Ingestion	: No specific data.			
Delayed and immediate effect Short term exposure	cts and also chronic effects	from short and loi	ng term exposur	<u>e</u>
Potential immediate effects	: Not available.			
Potential delayed effects	: Not available.			
Long term exposure Potential immediate effects	: Not available.			
Potential delayed effects	: Not available.			
Potential chronic health eff Not available.	<u>ects</u>			
Conclusion/Summary	: Not available.			
General	: Once sensitized, a severe to very low levels.	e allergic reaction m	nay occur when su	ubsequently expose
Carcinogenicity	: No known significant effect	cts or critical hazard	ds.	
U U	. No known oignificant offer	ete or critical hazar	ds.	
Mutagenicity	: No known significant effect			

11.2.1 Endocrine disrupting properties

Not available.

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 11: Toxicological information

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is classified for eco-toxicological properties accordingly. See Sections 2 and 3 for details.

Product/ingredient name	Result	Species	Exposure
ammonia	Acute LC50 37 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours
Conclusion/Summary	: Not available.		

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil	
Soil/water partition	: Not available.
coefficient (Koc)	
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

<u>Product</u>	
Methods of disposal	: 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 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.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 13: Disposal considerations

Disposal considerations : Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation			
EWC 08 01 12	waste paint and varnish other than those mentioned in 08 01 11			
Packaging				
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.			
Disposal considerations	 Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions. 			
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied 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

	ADR/RID	IMDG			
14.1 UN number	Not regulated.	Not regulated.			
14.2 UN proper shipping name	-	-			
14.3 Transport hazard class(es)	-	-			
14.4 Packing group	-	-			
14.5 Environmental hazards	No.	No.			
Additional informa	ntion				
IMDG	MDG : <u>Emergency schedules</u> Not applicable.				

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

14.7 Transport in bulk: Not available.according to IMOinstruments

🖊 ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE SECTION 15: Regulatory information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization Annex XIV None of the components are listed. Substances of very high concern None of the components are listed. Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Other EU regulations VOC : Not available. VOC for Ready-for-Use : Not applicable. Mixture Industrial emissions : Not listed (integrated pollution prevention and control) -Air Industrial emissions : Not listed (integrated pollution prevention and control) -Water Ozone depleting substances (1005/2009/EU) Not listed. Prior Informed Consent (PIC) (649/2012/EU) Not listed. **Persistent Organic Pollutants** Not listed. **Seveso Directive** This product is not controlled under the Seveso Directive. International regulations Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed. **Montreal Protocol** Not listed. Stockholm Convention on Persistent Organic Pollutants Not listed. Rotterdam Convention on Prior Informed Consent (PIC) Not listed. **UNECE Aarhus Protocol on POPs and Heavy Metals** Not listed.

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SECTION 15: Regulatory information

15.2 Chemical Safety : No Chemical Safety Assessment has been carried out.

Assessment

SECTION 16: Other information

Indicates informat	ion that has changed from previously issued version.
Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number SGG = Segregation Group
	vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification	
Skin Sens. 1, H317	Calculation method	
Aquatic Chronic 3, H412	Calculation method	

Full text of abbreviated H statements

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Full text of classifications [CLP/GHS]

Acute Tox. 2 Acute Tox. 3 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 3 Carc. 2 Eye Dam. 1 Skin Corr. 1B Skin Corr. 1C Skin Sens. 1 Skin Sens. 1A STOT SE 3		ACUTE TOXICITY AQUATIC HAZAR AQUATIC HAZAR AQUATIC HAZAR CARCINOGENICI SERIOUS EYE DA SKIN CORROSIO SKIN CORROSIO SKIN SENSITIZAT SKIN SENSITIZAT	ACUTE TOXICITY - Category 2 ACUTE TOXICITY - Category 3 AQUATIC HAZARD (ACUTE) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 3 CARCINOGENICITY - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 1B SKIN CORROSION/IRRITATION - Category 1C SKIN SENSITIZATION - Category 1 SKIN SENSITIZATION - Category 1 SCINGLE EXPOSURE) - Category 3				
Date of printing	: 20-6-2023						
Date of issue/ Date of revision	: 19-6-2023						
Date of previous issue	: 7-6-2023						
Version	: 12.02						
Date of issue/Date of revision	: 19-6-2023	Date of previous issue	: 7-6-2023	Version	:12.02	15/16	

ROCKGRIP UNIVERSAL ACRYLIC PVA WHITE

SECTION 16: Other information

Notice to reader

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Safety Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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