



Conforms to Regulation (EC) No.	. 1907/2006 (REACH), Anne	ex II, as amended by Commis	sion Regulation (EU)
2020/878			

# SAFETY DATA SHEET

ROCKGRIP UNIVERSAL GLOSS ENAMEL BROWN

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

1.1 Product identifier	
GHS product identifier	: 🚩 ROCKGRIP UNIVERSAL GLOSS ENAMEL BROWN
1.2. Relevant identified use	s of the substance or mixture and uses advised against
Product use	: Solvent borne 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	
on	: ZA.Helpline@akzonobel.com	

e-mail address of person	: ZA.Helpline@akzonobel.con
responsible for this SDS	

#### **1.4 Emergency telephone number**

Supplier	: Customer Care 0860 330 111 (Available week days from 08:00 to 16:30).
Telephone number	Emergency details: after hours: refer to website for MSDS.
Version	: <b>3</b>
Date of previous issue	: 14-12-2022

# **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

: Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 3, H226 Carc. 1B, H350 STOT RE 1, H372 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

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# **SECTION 2: Hazards identification**

Hazard pictograms



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Signal word	: Danger
Hazard statements	<ul> <li>H226 - Flammable liquid and vapor.</li> <li>H350 - May cause cancer.</li> <li>H372 - Causes damage to organs through prolonged or repeated exposure.</li> <li>H412 - Harmful to aquatic life with long lasting effects.</li> </ul>
Precautionary statements	
General	<ul> <li>P102 - Keep out of reach of children.</li> <li>P101 - If medical advice is needed, have product container or label at hand.</li> </ul>
Prevention	<ul> <li>P201 - Obtain special instructions before use.</li> <li>P280 - Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P273 - Avoid release to the environment.</li> <li>P260 - Do not breathe vapor.</li> <li>P270 - Do not eat, drink or smoke when using this product.</li> </ul>
Response	: P308 + P313 - IF exposed or concerned: Get medical advice or attention.
Storage	<ul> <li>P405 - Store locked up.</li> <li>P403 + P235 - Store in a well-ventilated place. Keep cool.</li> </ul>
Disposal	<ul> <li>P501 - Dispose of contents and container in accordance with all local, regional, national or international regulations.</li> </ul>
Hazardous ingredients	: Solvent naphtha (petroleum), medium aliph. Methyl ethyl ketoxime
Supplemental label elements	: Contains neodecanoic acid, cobalt salt and butanone oxime. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Restricted to professional users.
Special packaging requirem	<u>ients</u>
Containers to be fitted with child-resistant fastenings	: Yes, applicable.
Tactile warning of danger	: Yes, 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 not result in classification	: None known.

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# **SECTION 3: Composition/information on ingredients**

3.2	Mixtures
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#### : Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Solvent naphtha (petroleum), medium aliph.	EC: 265-191-7 CAS: 64742-88-7 Index: 649-405-00-X	≥15 - ≤20	STOT RE 1, H372 (central nervous system (CNS)) Asp. Tox. 1, H304	-	[1]
Naphtha (petroleum), hydrodesulfurized heavy	EC: 265-185-4 CAS: 64742-82-1	≥10 - ≤15	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 2, H373 (respiratory system) Asp. Tox. 1, H304 Aquatic Chronic 2, H411	-	[1]
Solvent naphtha (petroleum), heavy arom.	EC: 265-198-5 CAS: 64742-94-5	≤5	Flam. Liq. 3, H226 Asp. Tox. 1, H304	-	[1]
Reaction Mass of Ethylbenzene and M- Xylene and P-Xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7	<1	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	ATE [Dermal] = 1100 mg/kg ATE [Inhalation (gases)] = 6670 ppm	[1] [2]
calcium bis (2-ethylhexanoate)	REACH #: 01-2119978297-19 EC: 205-249-0 CAS: 136-51-6	<0.3	Eye Dam. 1, H318 Repr. 1B, H360D	-	[1]
neodecanoic acid, cobalt salt	EC: 248-373-0 CAS: 27253-31-2	≤0.3	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 3, H412	ATE [Oral] = 500 mg/kg	[1]
Methyl ethyl ketoxime	REACH #: 01-2119539477-28 EC: 202-496-6 CAS: 96-29-7 Index: 616-014-00-0	≤0.3	Acute Tox. 3, H301 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 1B, H350 STOT SE 1, H370 (upper respiratory tract) STOT SE 3, H336 STOT RE 2, H373 (blood system) See Section 16 for the full text of the H statements declared above.	ATE [Oral] = 100 mg/kg ATE [Dermal] = 1100 mg/kg	[1]

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# **SECTION 3: Composition/information on ingredients**

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

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.
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.
Skin contact	: Flush contaminated skin with plenty of 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. Wash clothing before reuse. Clean shoes thoroughly before reuse.
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. 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. If it is suspected that fumes 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. 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 neodecanoic acid, cobalt salt, butanone oxime. May produce an allergic reaction.

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<b>ROCKGRIP UNIVERSAL</b> (	GLOSS ENAMEL BROWN
SECTION 4: First aid	d measures
Over-exposure signs/symp	<u>itoms</u>
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: No specific data.
Ingestion	: No specific data.
4.3 Indication of any immed	iate medical attention and special treatment needed
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.
<b>SECTION 5: Firefigh</b>	ting measures
5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Hazards from the substance or mixture	<ul> <li>from the substance or mixture</li> <li>Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and memory of four basis.</li> </ul>
Hazardous combustion products	<ul> <li>prevented from being discharged to any waterway, sewer or drain.</li> <li>Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides</li> </ul>
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. 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	: 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.
<b>SECTION 6: Accider</b>	ntal release measures
6.1 Personal precautions, pr	rotective equipment and emergency procedures
For non-emergency	: No action shall be taken involving any personal risk or without suitable training.

For non-emergency personnel	Evacuate s entering. D No flares, s Provide ade	<ul> <li>No action shall be taken involving any personal risk or without suitable training.</li> <li>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources.</li> <li>No flares, smoking or flames in hazard area. Avoid breathing vapor or mist.</li> <li>Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.</li> </ul>						
For emergency responders	information	ed clothing is required to a in Section 8 on suitable a in "For non-emergency p	and unsuitable mater					
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#### SECTION 6: Accidental release measures

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 fo	r 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.			
Large spill	: 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 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.			
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.			

# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance.

#### 7.1 Precautions for safe handling

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Protective measures	: Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. 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 container or an approved 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 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 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 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 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.

#### Seveso Directive - Reporting thresholds

#### Danger criteria

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# **SECTION 7: Handling and storage**

	Notification and MAPP threshold	Safety report threshold
P5c	5000 tonne	50000 tonne

#### 7.3 Specific end use(s)

Recommendations	: Not available.
Industrial sector specific	: Not available.
solutions	

# **SECTION 8: Exposure controls/personal protection**

required.

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

#### **Occupational exposure limits**

Product/ingredient name	Exposure limit values			
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	EU OEL (Europe, 10/2019). Absorbed through skin. Notes: list of indicative occupational exposure limit values TWA: 50 ppm 8 hours. TWA: 221 mg/m <sup>3</sup> 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m <sup>3</sup> 15 minutes.			
procedures atmosphere or of the ventilatio protective equip the following: E the assessmen limit values and atmospheres - of exposure to (Workplace atm for the measure	contains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness n or other control measures and/or the necessity to use respiratory oment. Reference should be made to monitoring standards, such as European Standard EN 689 (Workplace atmospheres - Guidance for t of exposure by inhalation to chemical agents for comparison with a 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 nospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be			

#### **DNELs/DMELs**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Naphtha (petroleum), hydrodesulfurized heavy	DNEL	Long term Inhalation	0.41 mg/m <sup>3</sup>	General population	Systemic
nyurouesununzeu neavy	DNEL	Long term	1.9 mg/m³	Workers	Systemic
	DNEL	Long term Inhalation	178.57 mg/ m³	General population	Local
	DNEL	Short term Inhalation	640 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Inhalation	837.5 mg/ m³	Workers	Local
	DNEL	Short term Inhalation	1066.67 mg/m³	Workers	Local
	DNEL	Short term Inhalation	1152 mg/ m <sup>3</sup>	General population	Systemic
	DNEL	Short term Inhalation	1286.4 mg/ m³	Workers	Systemic
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SI	SECTION 8: Exposure controls/personal protection						
	Solvent naphtha (petroleum), heavy arom.	DNEL	Long term Oral	0.03 mg/ kg bw/day	General population	Systemic	
		DAIEL		ດັດດູ່		0	

		Inhalation		population	
			4.82 µg/m³		Cysternic
	DMEL DMEL	Long term Dermal	4 µg/kg bw/ day	Workers General	Systemic Systemic
Methyl ethyl ketoxime	DMEL	Long term Oral	1.6 µg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	273.2 μg/ m³	Workers	Local
		Inhalation		population	
	DNEL	Long term	bw/day 43 µg/m³	population General	Local
neodecanoic acid, cobalt salt	DNEL	Inhalation Long term Oral	m³ 32 µg/kg	General	Systemic
	DNEL	Long term	2.351 mg/	Workers	Systemic
		Long term Inhalation	_	population	Systemic
	DNEL		kg bw/day 0.58 mg/m <sup>3</sup>		
	DNEL	Long term Dermal	kg bw/day 0.333 mg/	population Workers	Systemic
· · /	DNEL	Long term Dermal	kg bw/day 0.167 mg/	population General	Systemic
calcium bis(2-ethylhexanoate)	DNEL	Inhalation Long term Oral	0.167 mg/	General	Systemic
	DNEL	Inhalation Short term	289 mg/m³	Workers	Systemic
	DNEL	Short term	bw/day 289 mg/m³	Workers	Local
	DNEL	Long term Dermal	bw/day 180 mg/kg	population Workers	Systemic
	DNEL	Inhalation Long term Dermal	108 mg/kg	General	Systemic
	DNEL	Long term	77 mg/m³	Workers	Systemic
,	DNEL	Long term Inhalation	14.8 mg/m <sup>3</sup>	General	Systemic
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	DNEL	Long term Oral	1.6 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	384 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Short term Inhalation	226 mg/m <sup>3</sup>	General population	Systemic
		Inhalation	m³ Č		
	DNEL	Inhalation Short term	m <sup>3</sup> 160.23 mg/	population Workers	Local
	DNEL	Short term	kg bw/day 143.5 mg/	population General	Local
	DNEL	Inhalation Short term Oral	25.6 mg/	General	Systemic
	DNEL	Inhalation Long term	2.31 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term	kg bw/day 2.31 mg/m³	Workers	Local
	DNEL	Long term Dermal	0.95 mg/	Workers	Systemic
	DNEL	Long term Inhalation	0.69 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Inhalation	0.69 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Dermal	0.28 mg/ kg bw/day	General population	Systemic
arom.			kg bw/day	population	

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<b>SECTION 8: Exposure cont</b>	rols/p	ersonal pro	tection				
	DMEL	Long term Inhalation	28 µg/m³	Workers	Systemic		
	DNEL	Long term Inhalation	0.43 mg/m <sup>3</sup>	General population	Local		
	DNEL	Long term Inhalation	0.9 mg/m³	Workers	Local		

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No PNECs available.

8.2 Exposure controls						
Appropriate engineering : controls	ventilation c contaminan controls also	th adequate ventilation. U r other engineering contro ts below any recommende o need to keep gas, vapor nits. Use explosion-proof	Is to keep worker exp d or statutory limits. or dust concentration	osure to airb The enginee is below any	orne ring	
Individual protection measure	<u>s</u>					
Hygiene measures :	before eatin Appropriate Wash conta	s, forearms and face thoro g, smoking and using the techniques should be use minated clothing before re ers are close to the works	lavatory and at the en d to remove potential eusing. Ensure that e	id of the worl ly contamina	king peri Ited cloth	
Eye/face protection :	assessmen gases or du	rear complying with an app t indicates this is necessar sts. If contact is possible, assessment indicates a hig	y to avoid exposure to the following protection	o liquid splas on should be	hes, mis worn,	sts,
Skin protection						
Hand protection :	be worn at a this is neces check durin should be n different for	esistant, impervious gloves all times when handling ch ssary. Considering the pa g use that the gloves are s oted that the time to break different glove manufactu stances, the protection tim	emical products if a ri rameters specified by still retaining their prot through for any glove rers. In the case of m	sk assessme the glove m ective prope material ma nixtures, cons	ent indica anufactu rties. It ly be sisting of	ates rer,
	protection c recommenc When only I (breakthrou Recommen	nged or frequently repeate lass of 6 (breakthrough tin led. Recommended glove orief contact is expected, a gh time >30 minutes acco ded gloves: Nitrile, thickne uld be replaced regularly a	ne >480 minutes acco s: Viton ® or Nitrile, th a glove with protection rding to EN374) is rec ss ≥ 0.12 mm.	ording to EN3 nickness ≥ 0 n class of 2 o commended.	374) is .38 mm. r higher	ove
		nance or effectiveness of t mage and poor maintenal	<b>č</b>	iced by phys	ical/	
	product is th	ust check that the final cho ne most appropriate and ta uded in the user's risk asso	kes into account the			
Body protection :	being perfor before hand wear anti-st discharges, European S	otective equipment for the rmed and the risks involve lling this product. When the atic protective clothing. For clothing should include an tandard EN 1149 for furthe ts and test methods.	d and should be appr nere is a risk of ignitio or the greatest protect nti-static overalls, boot	oved by a sp n from static tion from sta ts and gloves	ecialist electrici tic s. Refer	ty,
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# **SECTION 8: Exposure controls/personal protection**

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	: Closed cup: 37°C (98.6°F) [Pensky-Martens]
Auto-ignition temperature	:

Ingredient name	°C	°F	Method	
1,4-Dioxane	180	356		
nonane	205	401		
Solvent naphtha (petroleum), heavy arom.	220 to 250	428 to 482	ASTM E 659	
2-butoxyethanol	230	446	DIN 51794	
Solvent naphtha (petroleum), medium aliph.	>220	>428	ASTM E 659	
Naphtha (petroleum), hydrodesulfurized heavy	280 to 470	536 to 878		
Naphtha (petroleum), hydrotreated heavy	280 to 470	536 to 878		
Methyl ethyl ketoxime	314 to 317	597.2 to 602.6	EU A.15	
pentan-2-ol	342.85	649.1		
butan-1-ol	355	671	EU A.15	
Reaction Mass of Ethylbenzene and M-Xylene and P- Xylene	432	809.6		
Benzene	498	928.4		
1,2,4-trimethylbenzene	500	932		
Mesitylene	559	1038.2		
Decomposition temperature : Not available.				
H : Not available. [DIN EN 1262]				

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# SECTION 9: Physical and chemical properties

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Vi	SC	os	ity
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: Kinematic: 1573 mm<sup>2</sup>/s [DIN EN ISO 3219]

Solubility(ies)

Ī	Media	Result
Ī	cold water	Not soluble [OESO (TG 105)]

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

#### Vapor pressure

	Va	apor Pressu	ire at 20°C	V	apor pres	sure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
Benzene	75.01	10				
1,4-Dioxane	30.75	4.1				
Water	23.8	3.2				
butan-1-ol	<7.5	<1	DIN EN 13016-2			
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	6.7	0.89				
nonane	3.15	0.42				
Mesitylene	2.4	0.32				
1,2,4-trimethylbenzene	2.25	0.3				
Solvent naphtha (petroleum), medium aliph.	1.5 to 4.5	0.2 to 0.6				
Naphtha (petroleum), hydrotreated heavy	0.75 to 2.25	0.1 to 0.3				
2-butoxyethanol	0.75	0.1				
Solvent naphtha (petroleum), heavy arom.	0.02	0.0027				
elative density	: 1.01	7			•	·
ensity	: 1.01	7 g/cm³ [DII	N EN ISO 2811-1]			
apor density	: Not a	available.				
article characteristics						

# Median particle size

Percentage of particles with aerodynamic diameter ≤ 10 μm

:	Not applicable.
:	Ø

# SECTION 10: Stability and reactivity10.1 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<br/>hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.10.4 Conditions to avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld,<br/>braze, solder, drill, grind or expose containers to heat or sources of ignition.

Date of issue/Date of revision

ROCKGRIP UNIVERSAL GLOSS ENAMEL BROWN					
<b>SECTION 10: Stabilit</b>	y and reactivity				
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials				
10.6 Hazardous decomposition products	<ul> <li>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</li> </ul>				

# **SECTION 11: Toxicological information**

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

# Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Solvent naphtha (petroleum), medium aliph.	LC50 Inhalation Vapor	Rat	>5500 ppm	4 hours
u // ·	LD50 Dermal	Rabbit	>3000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Solvent naphtha (petroleum), heavy arom.	LDLo Oral	Rat	5 mL/kg	-
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	LC50 Inhalation Gas.	Rat	6670 ppm	4 hours
	LD50 Oral LD50 Oral	Rat Rat	4300 mg/kg 4300 mg/kg	-

**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)
138800	59698.5	N/A	N/A	N/A	N/A
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	4300	1100	6670	N/A	N/A
neodecanoic acid, cobalt salt	500	N/A	N/A	N/A	N/A
Methyl ethyl ketoxime	100	1100	N/A	N/A	N/A

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Solvent naphtha (petroleum),	Skin - Mild irritant	Rabbit	-	24 hours 500	-
heavy arom.				uL	
Reaction Mass of	Eyes - Mild irritant	Rabbit	-	87 mg	-
Ethylbenzene and M-Xylene and P-Xylene					
	Eyes - Severe irritant	Rabbit	-	24 hours 5	-
				mg	
	Skin - Mild irritant	Rat	-	8 hours 60 UI	-
	Skin - Moderate irritant	Rabbit	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
Methyl ethyl ketoxime	Eyes - Severe irritant	Rabbit	-	mg 100 uL	-
Conclusion/Summary	: Not available.				
Sensitization					
Conclusion/Summary	: Not available.				
<u>Mutagenicity</u>					
<b>Conclusion/Summary</b>	: Not available.				
Carcinogenicity					
Date of issue/Date of revision	: 6-6-2023 Date of previous	issue :14	4-12-2022	Versi	ion : 3 12/19

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# **SECTION 11: Toxicological information**

Product/ingredient name	Result	Species	Dose	Exposure
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	Positive - Inhalation - TC	Mouse	<75 ppm	103 weeks; 5 days per week
Conclusion/Summary	: Not available.			
Reproductive toxicity				
<b>Conclusion/Summary</b>	: Not available.			

#### **Teratogenicity**

Conclusion/Summary : Not available.

#### Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Maphtha (petroleum), hydrodesulfurized heavy Reaction Mass of Ethylbenzene and M-Xylene and P- Xylene	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation
Methyl ethyl ketoxime	Category 1 Category 3	-	upper respiratory tract Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Solvent naphtha (petroleum), medium aliph.	Category 1	-	central nervous system (CNS)
Naphtha (petroleum), hydrodesulfurized heavy	Category 2	-	respiratory system
Reaction Mass of Ethylbenzene and M-Xylene and P- Xylene	Category 2	-	-
Methyl ethyl ketoxime	Category 2	-	blood system

#### Aspiration hazard

Product/ingredient name	Result
Solvent naphtha (petroleum), medium aliph.	ASPIRATION HAZARD - Category 1
Naphtha (petroleum), hydrodesulfurized heavy	ASPIRATION HAZARD - Category 1
Solvent naphtha (petroleum), heavy arom.	ASPIRATION HAZARD - Category 1
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	ASPIRATION HAZARD - Category 1

#### Information on the likely : Not available.

#### routes of exposure

•	INOL	a٧	all	ar	יונ

#### Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics				
Eye contact	: No specific data.			
Inhalation	: No specific data.			

Skin contact	: No specific data.

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## **ROCKGRIP UNIVERSAL GLOSS ENAMEL BROWN**

# **SECTION 11: Toxicological information**

Delayed and immediate effect	ts and also chronic effects from short and long term exposure
<u>Short term exposure</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 effe	ects
Not available.	
Conclusion/Summary	: Not available.
General	: Causes damage to organs through prolonged or repeated exposure.
Carcinogenicity	: May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

#### 11.2 Information on other hazards

- 11.2.1 Endocrine disrupting properties
- Not available.

#### 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
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	Acute LC50 8.5 ppm Marine water	Crustaceans - Palaemonetes pugio - Adult	48 hours
	Acute LC50 8500 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 15700 µg/l Fresh water	Fish - Lepomis macrochirus - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Conclusion/Summary	: Not available.		•

Conclusion/Summary

#### 12.2 Persistence and degradability

#### **Conclusion/Summary** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	-	-	Readily

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# **SECTION 12: Ecological information**

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Naphtha (petroleum), hydrodesulfurized heavy	-	10 to 2500	high
Solvent naphtha (petroleum), heavy arom.	2.8 to 6.5	99 to 5780	high
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	3.12	8.1 to 25.9	low
calcium bis (2-ethylhexanoate)	-	2.96	low
neodecanoic acid, cobalt salt Methyl ethyl ketoxime	- 0.63	15600 2.5 to 5.8	high Iow

#### 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.
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 11*	waste paint and varnish containing organic solvents or other hazardous substances				
Da	te of issue/Date of revision	: 6-6-2023	Date of previous issue	:14-12-2022	Version : 3	15/19

#### **ROCKGRIP UNIVERSAL GLOSS ENAMEL BROWN**

## SECTION 13: Disposal considerations

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	<ul> <li>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.</li> </ul>
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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. 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	UN1263	UN1263	
14.2 UN proper shipping name	PAINT	PAINT	
14.3 Transport hazard class(es)	3	3	
14.4 Packing group	Ш	III	
14.5 Environmental hazards	No.	No.	
Additional information			
ADR/RID : <u>Viscous liquid exception</u> This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.2.3.1.5.1. <u>Tunnel code</u> (D/E)			

 IMDG
 Emergency schedules
 F-E, S-E

 Viscous liquid exception
 This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.

# **14.6 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.

14.7 Transport in bulk	: Not available.
according to IMO	
instruments	

ROCKGRIP UNIVERSAL GLOSS ENAMEL BROWN			
SECTION 15: Regula	SECTION 15: Regulatory information		
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u> <u>Annex XIV - List of substances subject to authorization</u> <u>Annex XIV</u> None of the components are listed.			
Substances of very high None of the components a			
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Restricted to professional users.		
<u>Other EU regulations</u> VOC	: The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.		
VOC for Ready-for-Use Mixture	: Not available.		
Industrial emissions (integrated pollution prevention and control) - Air	: Not listed		
Industrial emissions (integrated pollution prevention and control) - Water	: Not listed		
Ozone depleting substances (1005/2009/EU) Not listed.			
<u>Prior Informed Consent (P</u> Not listed.	<u>IC) (649/2012/EU)</u>		
<u>Persistent Organic Pollutants</u> Not listed.			
<u>Seveso Directive</u> This product is controlled un <u>Danger criteria</u>	ider the Seveso Directive.		
Category			
P5c			
International regulations Chemical Weapon Convent Not listed.	ion List Schedules I, II & III Chemicals		

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

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# **SECTION 15: Regulatory information**

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

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

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	<ul> <li>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</li> </ul>
	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
Flam. Liq. 3, H226	On basis of test data
Carc. 1B, H350	Calculation method
STOT RE 1, H372	Calculation method
Aquatic Chronic 3, H412	Calculation method

#### Full text of abbreviated H statements

Ible liquid and vapor. swallowed. if swallowed. fatal if swallowed and enters airways. in contact with skin.
if swallowed. fatal if swallowed and enters airways. in contact with skin.
fatal if swallowed and enters airways. in contact with skin.
in contact with skin.
skin irritation.
use an allergic skin reaction.
serious eye damage.
serious eye irritation.
if inhaled.
use respiratory irritation.
use drowsiness or dizziness.
ise cancer.
nage the unborn child.
ted of damaging fertility or the unborn child.
damage to organs.
damage to organs through prolonged or repeated
e.
use damage to organs through prolonged or repeated
e.
aquatic life with long lasting effects.
to aquatic life with long lasting effects.

#### Full text of classifications [CLP/GHS]

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#### **SECTION 16: Other information**

Acute Tox. 3		ACUTE TOXICITY - Category 3
Acute Tox. 4		ACUTE TOXICITY - Category 4
Aquatic Chronic 2		AQUATIC HAZARD (LONG-TERM) - Category 2
Aquatic Chronic 3		AQUATIC HAZARD (LONG-TERM) - Category 3
Asp. Tox. 1		ASPIRATION HAZARD - Category 1
Carc. 1B		CARCINOGENICITY - Category 1B
Eye Dam. 1		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Eye Irrit. 2		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 3		FLAMMABLE LIQUIDS - Category 3
Repr. 1B		TOXIC TO REPRODUCTION - Category 1B
Repr. 2		TOXIC TO REPRODUCTION - Category 2
Skin Irrit. 2		SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1		SKIN SENSITIZATION - Category 1
STOT RE 1		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) - Category 1
STOT RE 2		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) - Category 2
STOT SE 1		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -
		Category 1
STOT SE 3		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -
		Category 3
Date of printing	: 15-6-2023	
Date of issue/ Date of	: 6-6-2023	
revision		
Data of provious issue	: 14-12-2022	
Date of previous issue	. 14-12-2022	

#### Version

#### 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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