SAFETY DATA SHEET

Date of issue/Date of revision

: 11 August 2024

Version : 1.02



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

1.1 Product identifier	
Product name	: SIGMACOVER 456 BASE RAL 3000
Product code	: 00243399
Product type	: Liquid.
Other means of identification	: Not available.
1.2 Relevant identified uses of	f the substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.
Uses advised against	: Product is not intended, labelled or packaged for consumer use.

1.3 Details of the supplier of the safety data sheet

PPG Coatings Belgium BV/SRL Tweemontstraat 104 B-2100 Deurne Belgium Telephone +32-33606311 Fax +32-33606435

e-mail address of person responsible for this SDS : Product.Stewardship.EMEA@ppg.com

1.4 Emergency telephone number

Supplier

+31 20 4075210

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture Classification according to UK CLP/GHS Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Chronic 3, H412

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 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



Signal word

: Danger

English (GB)

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SECTI	ON 2. Hozarda idantifia	ation	

Hazard statements	:	Flammable liquid and vapour.
	-	Causes skin irritation.
		May cause an allergic skin reaction.
		Causes serious eye irritation.
		Causes damage to organs through prolonged or repeated exposure.
		Harmful to aquatic life with long lasting effects.
Precautionary statements		
Prevention	:	Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Do not breathe vapour. Wash thoroughly after handling
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
		P280, P210, P273, P260, P264, P501
Supplemental label elements	1	Contains epoxy constituents. May produce an allergic reaction.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	Not applicable.
Special packaging requirem	nen	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
.3 Other hazards		
Product meets the criteria	:	This mixture does not contain any substances that are assessed to be a PBT or a
for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII		vPvB.
Other hazards which do not result in classification	:	Prolonged or repeated contact may dry skin and cause irritation.

SECTION 3: Composition/information on ingredients

$ \begin{array}{ccc} (<10 \text{ microns}) \\ \text{xylene} \\ \\ \begin{array}{c} \text{Xylene} \\ \text{xylene} \\ \end{array} \\ \begin{array}{c} \text{CAS: 14808-60-7} \\ \text{REACH \#:} \\ 01-2119488216-32 \\ \text{EC: 215-535-7} \\ \text{CAS: 1330-20-7} \\ \end{array} \\ \begin{array}{c} \geq 10 - \leq 18 \\ \end{array} \\ \begin{array}{c} \text{Flam. Liq. 3, H226} \\ \text{Acute Tox. 4, H312} \\ \text{Acute Tox. 4, H332} \\ \text{Skin Irrit. 2, H315} \\ \text{Eye Irrit. 2, H319} \\ \text{STOT SE 3, H335} \\ \text{Asp. Tox. 1, H304} \\ \text{Aquatic Chronic 3,} \\ \text{H412} \\ \text{epoxy resin (MW \leq 700)} \\ \end{array} \\ \begin{array}{c} \text{REACH \#:} \\ 01-2119456619-26 \\ \text{EC: 500-033-5} \\ \text{CAS: 25068-38-6} \\ \end{array} \\ \begin{array}{c} \geq 5.0 - \leq 10 \\ \end{array} \\ \begin{array}{c} \text{Skin Irrit. 2, H315} \\ \text{Eye Irrit. 2, H317} \\ \text{Aquatic Chronic 2,} \\ \text{H411} \\ \end{array} $	Product/ingredient name	Identifiers	%	Classification	Туре
$\begin{array}{c} 01-2119488216-32\\ EC: 215-535-7\\ CAS: 1330-20-7\\ \end{array} \\ \begin{array}{c} Acute Tox. 4, H312\\ Acute Tox. 4, H332\\ Skin Irrit. 2, H315\\ Eye Irrit. 2, H319\\ STOT SE 3, H335\\ Asp. Tox. 1, H304\\ Aquatic Chronic 3,\\ H412\\ \end{array} \\ \begin{array}{c} epoxy resin (MW \leq 700)\\ \end{array} \\ \begin{array}{c} REACH \#:\\ 01-2119456619-26\\ EC: 500-033-5\\ CAS: 25068-38-6\\ \end{array} \\ \begin{array}{c} \geq 5.0 - \leq 10\\ \end{array} \\ \begin{array}{c} Skin Irrit. 2, H315\\ Eye Irrit. 2, H315\\ Eye Irrit. 2, H315\\ Eye Irrit. 2, H319\\ Skin Sens. 1, H317\\ Aquatic Chronic 2,\\ H411\\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} 11\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\$			≥10 - ≤25		[1] [2]
01-2119456619-26 EC: 500-033-5 CAS: 25068-38-6 EC: 500-033-5 CAS: 25068-38-6 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	xylene	01-2119488216-32 EC: 215-535-7	≥10 - ≤18	Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 3,	[1] [2]
ethylbenzene REACH #: ≥1.0 - ≤5.0 Flam. Lig. 2, H225 [1]	epoxy resin (MW ≤ 700)	01-2119456619-26 EC: 500-033-5	≥5.0 - ≤10	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2,	[1]
	ethylbenzene	REACH #:	≥1.0 - ≤5.0	Flam. Liq. 2, H225	[1] [2]

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SECTION 3: Composition	n/information on ingredients	
	01-2119489370-35 EC: 202-849-4 CAS: 100-41-4	Acute Tox. 4, H332 STOT RE 2, H373 (hearing organs)

			See Section 16 for the full text of the H statements declared above.	
2-methylpropan-1-ol	Index: 603-064-00-3 REACH #: 01-2119484609-23 EC: 201-148-0 CAS: 78-83-1 Index: 603-108-00-1	≤1.3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336	[1] [2]
1-methoxy-2-propanol	REACH #: 01-2119457435-35 EC: 203-539-1 CAS: 107-98-2	≥1.0 - ≤5.0	Asp. Tox. 1, H304 Aquatic Chronic 3, H412 Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]

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. Xylene: Several REACH registrations cover the REACH registered substance with xylene isomers, ethylbenzene (and toluene). The other REACH Registrations include: 01-2119555267-33 reaction mass of ethylbenzene and m-xylene and p-xylene, 01-2119486136-34 Aromatic hydrocarbons, C8, 01-2119539452-40 reaction mass of ethylbenzene and xylene. Type

[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.

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
Ingestion	: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
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

Potential acute health effects	
Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/sympt	<u>oms</u>

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SECTION 4: First aid	l measures
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.
4.3 Indication of any immedi	ate medical attention and special treatment needed
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	: No specific treatment.
SECTION 5: Firefigh	ting measures
5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising f	rom the substance or mixture
Hazards from the substance or mixture	: Flammable liquid and vapour. 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 prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	: Decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds 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. 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.
SECTION 6: Acciden	ntal release measures

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 spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

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SECTION 6: Accident	al release measures
For emergency responders	: If specialised 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 spilt 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 material for	containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
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. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

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 breathe vapour 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 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

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SECTION 7: Handling and storage

Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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).

Occupational exposure limits

Product/ingredient name	Exposure limit values
rystalline silica, respirable powder (<10 microns)	EH40/2005 WELs (United Kingdom (UK), 1/2020). [silica,
	respirable crystalline]
	TWA: 0.1 mg/m ³ 8 hours. Form: Respirable fraction
xylene	EH40/2005 WELs (United Kingdom (UK), 1/2020). [xylene, o-,m-,p-
	or mixed isomers] Absorbed through skin.
	STEL: 441 mg/m ³ 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 220 mg/m³ 8 hours.
	TWA: 50 ppm 8 hours.
ethylbenzene	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 552 mg/m ³ 15 minutes.
	STEL: 125 ppm 15 minutes.
	TWA: 441 mg/m³ 8 hours.
	TWA: 100 ppm 8 hours.
1-methoxy-2-propanol	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed
	through skin.
	STEL: 560 mg/m ³ 15 minutes.
	STEL: 150 ppm 15 minutes.
	TWA: 375 mg/m³ 8 hours.
	TWA: 100 ppm 8 hours.
2-methylpropan-1-ol	EH40/2005 WELs (United Kingdom (UK), 1/2020).
	STEL: 231 mg/m ³ 15 minutes.
	STEL: 75 ppm 15 minutes.
	TWA: 154 mg/m ³ 8 hours.
	TWA: 50 ppm 8 hours.

Biological exposure indices

Product/ingredient name	Exposure indices		
xylene	XYLENES		
	Id be made to appropriate monitoring standards. Reference to be documents for methods for the determination of hazardous also be required.		

DNELs/DMELs

English (GB)

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SECTION 8: Exposure controls/personal protection

Product/ingredient name	Туре	Exposure	Value	Population	Effects
x ylene	DNEL	Long term Oral	5 mg/kg bw/day	General population	Systemic
-	DNEL	Long term Inhalation	65.3 mg/m ³	General population	Local
	DNEL	Long term Inhalation	65.3 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	125 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	212 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	221 mg/m ³	Workers	Local
	DNEL	Long term Inhalation	221 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	260 mg/m ³	General population	Local
	DNEL	Short term Inhalation	260 mg/m ³	General population	Systemic
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	442 mg/m ³	Workers	Systemic
epoxy resin (MW ≤ 700)	DNEL	Long term Inhalation	12.25 mg/m ³	Workers	Systemic
	DNEL	Short term Inhalation	12.25 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	8.33 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Dermal	8.33 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	3.571 mg/kg bw/day	General	Systemic
		Long term Derma	0.07 Thig/Ng bw/day	population	Oysternie
				[Consumers]	
	DNEL	Short term Dermal	3.571 mg/kg bw/day	General	Systemic
	DNEL	Short term Derman	3.57 Ting/kg bw/day	population	Systemic
				[Consumers]	
	DNEL	Long term Oral	0.75 mg/kg bw/day	General	Systemic
	DINEL	Long term Oral	0.75 mg/kg bw/day		Systemic
				population	
	DNEL	Short term Oral	0.75 mg/kg bw/dov	[Consumers] General	Svetemie
	DINEL	Short term Oral	0.75 mg/kg bw/day		Systemic
				population	
othydhanzana		Long torm inholation	$110 m g/m^{3}$	[Consumers]	
ethylbenzene	DMEL	Long term Inhalation	442 mg/m ³	Workers	Local
	DMEL	Short term Inhalation	884 mg/m ³	Workers	Systemic
	DNEL	Long term Oral	1.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	15 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	77 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	293 mg/m ³	Workers	Local
1-methoxy-2-propanol	DNEL	Long term Oral	33 mg/kg bw/day	General population	
	DNEL	Long term Inhalation	43.9 mg/m³	General population	
	DNEL	Long term Dermal	78 mg/kg bw/day	General population	
	DNEL	Long term Dermal	183 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	369 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	553.5 mg/m³	Workers	Local
	DNEL	Short term Inhalation	553.5 mg/m³	Workers	Systemic
2-methylpropan-1-ol	DNEL	Long term Inhalation	55 mg/m ³	General population	Local
	DNEL	Long term Inhalation	310 mg/m ³	Workers	Local

PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
xylene	Fresh water	0.327 mg/l	-
	Marine water	0.327 mg/l	-
	Sewage Treatment Plant	6.58 mg/l	-
	Fresh water sediment	12.46 mg/kg dwt	-
	Marine water sediment	12.46 mg/kg dwt	-
	Soil	2.31 mg/kg	-
epoxy resin (MW ≤ 700)	Fresh water	0.006 mg/l	Assessment Factors
	Marine water	0.001 mg/l	Assessment Factors
	Sewage Treatment Plant	10 mg/l	Assessment Factors
	Fresh water sediment	0.996 mg/kg dwt	Equilibrium Partitioning
	Marine water sediment	0.1 mg/kg dwt	Equilibrium Partitioning
ethylbenzene	Fresh water	0.1 mg/l	Assessment Factors
	Marine water	0.01 mg/l	Assessment Factors
	Sewage Treatment Plant	9.6 mg/l	Assessment Factors
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SECTION 8: Exposure controls/personal protection

	Fresh water sediment	13.7 mg/kg dwt	Equilibrium Partitioning
	Marine water sediment	1.37 mg/kg dwt	Equilibrium Partitioning
	Soil	2.68 mg/kg dwt	Equilibrium Partitioning
	Secondary Poisoning	20 mg/kg	-
1-methoxy-2-propanol	Fresh water	10 mg/l	Assessment Factors
r-methoxy-z-propanol	Marine water	1 mg/l	Assessment Factors
	Sewage Treatment Plant	0	Assessment Factors
	Fresh water sediment	41.6 mg/kg	Equilibrium Partitioning
		00	
	Marine water sediment	4.17 mg/kg	Equilibrium Partitioning
	Soil	2.47 mg/kg	Equilibrium Partitioning
2-methylpropan-1-ol	Fresh water	0.4 mg/l	Assessment Factors
	Marine water	0.04 mg/l	Assessment Factors
	Sewage Treatment Plant	10 mg/l	Assessment Factors
	Fresh water sediment	1.56 mg/kg dwt	Equilibrium Partitioning
	Marine water sediment	0.156 mg/kg dwt	-
	Soil	0.076 mg/kg dwt	Equilibrium Partitioning

8.2 Exposure controls

0.2 Exposure controls	
Appropriate engineering controls	: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Individual protection measur	res
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. 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.
Eye/face protection Skin protection	: Chemical splash goggles.
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. butyl rubber
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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
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	:

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SECTION 8: Exposure controls/personal protection

	Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
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.

	.1 Information on basic phy	sical and	chen	nical pro	perties					
Colour : Red. Odour : Aromatic. Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature: -94.9°C (-138.8°F) This is ba on data for the following ingredient: ethylbenzene. Weighted average: -95.22°C (-139.4°F) Initial boiling point and boiling range : >37.78°C (>100°F) Flammability (solid, gas) : liquid Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.48% Upper: 13.74% (1-methoxy-2-propanol) Flash point : Closed cup: 27°C (80.6°F) Auto-ignition temperature : Ingredient name °C °F Method Ff(4,minocarborn/ljphenyljazo]-N-(2-ethoxyphenyl) >140 >284	<u>Appearance</u>									
Odour : Aromatic. Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature: -94.9°C (-138.8°F) This is ba on data for the following ingredient: ethylbenzene. Weighted average: -95.22°C (-139.4°F) Initial boiling point and boiling range : >37.78°C (>100°F) Flammability (solid, gas) : liquid Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.48% Upper: 13.74% (1-methoxy-2-propanol) Flash point : Closed cup: 27°C (80.6°F) Auto-ignition temperature : Ingredient name °C °F Method >284 pH : Not applicable. Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result cold water Not applicable. Miscible with water : No. Partition coefficient: n-octanol/ : Not applicable. water : Not applicable. vapour pressure : Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name mm Hg KPa Method	Physical state	: Li	quid.							
Odour threshold : Not available. Melting point/freezing point : May start to solidify at the following temperature: -94.9°C (-138.8°F) This is ba on data for the following ingredient: ethylbenzene. Weighted average: -95.22°C (-139.4°F) Initial boiling point and boiling range : >37.78°C (>100°F) Flammability (solid, gas) : liquid Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.48% Upper: 13.74% (1-methoxy-2-propanol) Flash point : Closed cup: 27°C (80.6°F) Auto-ignition temperature : Ingredient name °C °F Method >284 PH : Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Solubility(ies) : Media Method India Result Cold water Not applicable. Miscible with water : No. No. Perition coefficient: n-octanol/ : Not applicable. water : No. : Not applicable. : : : Yapour pressure : : No. : : : Partition coefficient: n-octanol/ : Not applicable. : : :	Colour	: R	ed.							
Melting point/freezing point : May start to solidify at the following temperature: -94.9°C (-138.8°F) This is ba on data for the following ingredient: ethylbenzene. Weighted average: -95.22°G (-139.4°F) Initial boiling point and : >37.78°C (>100°F) boiling range : Flammability (solid, gas) : liquid Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.48% Upper: 13.74% (1-methoxy-2-propanol) Flash point : Closed cup: 27°C (80.6°F) Auto-ignition temperature : Ingredient name °C %C °F Method %If(4-(aminocarbornyliphenyljazo)-N-(2-ethoxyphenyl) >140 >284 PH : Not applicable. Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result cold water Not soluble Miscible with water : No. Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure : Ingredient name Wapour Pressure at 20°C Vapour pressure at 50°C Ingredient name mHg Method mm Hg Method <td>Odour</td> <td>: A</td> <td>romati</td> <td>ic.</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Odour	: A	romati	ic.						
on data for the following ingredient: ethylbenzene. Weighted average: -95.22°G (-139.4°F) Initial boiling point and : >37.78°C (>100°F) boiling range : Flammability (solid, gas) : : liquid Upper/lower flammability or explosive limits : Flash point : : Closed cup: 27°C (80.6°F) Auto-ignition temperature : : Ingredient name °C °F Method >284 PH : Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not soluble Media Result cold water Not soluble Miscible with water : Not applicable. water Vapour pressure at 20°C Vapour pressure at 50°C Ingredient name mm Hg KPa Method Primethylpropan-1-ol <12.00102	Odour threshold	: N	: Not available.							
boiling range Flammability (solid, gas) : liquid Upper/lower flammability or : Greatest known range: Lower: 1.48% Upper: 13.74% (1-methoxy-2-propanol) explosive limits Flash point : Closed cup: 27°C (80.6°F) Auto-ignition temperature : Ingredient name °C °F Method F[(4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl) >140 >284 PH : Not applicable. Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result cold water Not soluble Miscible with water : No. Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure : Vapour pressure : Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name Result Cold water : No. Partition coefficient: n-octanol/ : Not applicable. Water Vapour pressure : Net applicable. Method Method mm Hg kPa Method Flagmethylpropan-1-ol <12.00102 <1.6 DIN EN 13016-2 d d d d d d d d d d d d d d d d d d d	Melting point/freezing point	or	 May start to solidify at the following temperature: -94.9°C (-138.8°F) This is based on data for the following ingredient: ethylbenzene. Weighted average: -95.22°C (-139.4°F) 							
Upper/lower flammability or explosive limits : Greatest known range: Lower: 1.48% Upper: 13.74% (1-methoxy-2-propanol) Flash point : Closed cup: 27°C (80.6°F) Auto-ignition temperature : Ingredient name °C Pf[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl) >140 -3-hydroxynaphthalene-2-carboxamide >284 pH : Not applicable. Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result cold water Not soluble Miscible with water : No. Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure : Vapour pressure : Ingredient name mm Hg kPa Method Pfmethylpropan-1-ol <12.00102		: >:	37.78°	°C (>100°	°F)					
explosive limits : Closed cup: 27°C (80.6°F) Auto-ignition temperature : Ingredient name °C °F Method ?E(4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl) >140 >284 pH : Not applicable. Not applicable. insoluble in water. >284 Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result cold water Not soluble Miscible with water : Not applicable. Not applicable. water Vot soluble Wapour pressure : Vapour pressure at 20°C Vapour pressure at 50°C Ingredient name mHg KPa Method ?methylpropan-1-ol <12.00102	Flammability (solid, gas)	: lic	luid							
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Ingredient name °C °F Method If (4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl) >140 >284 >284 pH : Not applicable. Not applicable. insoluble in water. . Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : . Media Result cold water Not soluble Miscible with water : Not applicable. water Vapour pressure : Vapour pressure : . Ingredient name mm Hg KPa Method ml Hg KPa KPa Method ml Hg KPa Inten 13016-2 <t< td=""><td>Flash point</td><td>: C</td><td>losed</td><td>cup: 27°</td><td>C (80.6°F)</td><td></td><td></td><td></td><td></td></t<>	Flash point	: C	losed	cup: 27°	C (80.6°F)					
Image: Second system of the	Auto-ignition temperature	:								
¹ 3-hydroxynaphthalene-2-carboxamide Image: Solubility of the soluble in soluble in water. pH : Not applicable. insoluble in water. Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Image: Solubility of the soluble in water. Media Result cold water Not soluble Miscible with water : iscible with water : Not applicable. water Vapour pressure : Vapour pressure : Ingredient name mm Hg KPa Method Image: Image	Ingredient name			°C		°F		Method		
Not applicable. insoluble in water. Viscosity : Solubility(ies) : Media Result cold water Not soluble Miscible with water : Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure Vapour pressure Ingredient name Whethod Prnethylpropan-1-ol <12.00102	[4-(aminocarbonyl)phenyl]azo]-N -3-hydroxynaphthalene-2-carboxar	I-(2-ethoxyp nide	henyl)	>140		>284				
Viscosity : Kinematic (40°C): >21 mm²/s Solubility(ies) : Media Result cold water Not soluble Miscible with water : No. Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure Vapour pressure : Ingredient name mm Hg kPa Method Immethylpropan-1-ol <12.00102	pH									
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Media Result cold water Not soluble Miscible with water : No. Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure Vapour pressure : Ingredient name Wath of the		: K	nema	$tic (40^{\circ}C)$.): >21 mm	-/S				
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Miscible with water : No. Partition coefficient: n-octanol/ : Not applicable. water Vapour pressure : Vapour pressure : Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name mm Hg kPa Method mm Hg kPa Method Image: Selective density : 1.44	Media		Resu	lt						
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Vapour Pressure at 20°C Vapour pressure at 50°C Ingredient name mm Hg kPa Method mm Hg kPa Method Immethylpropan-1-ol <12.00102		nol/ : N	ot app	licable.						
Ingredient name mm Hg kPa Method mm Hg kPa Method Immethylpropan-1-ol <12.00102	Vapour pressure	:								
Primethylpropan-1-ol <12.00102 <1.6 DIN EN 13016-2 Relative density : 1.44			Vapo	ur Press	ure at 20°	C		Vapour pres	ssure at 50°C	
Relative density : 1.44	Ingredient name	mm Hg	k	Pa	Method	ł	mm Hg	kPa	Method	
		-	2 <	1.6						
	Relative density	• 1	44		 		<u> </u>			
				known y	ر 2 2 <u>،</u> میرادر	$(\Delta ir = 1)$		Naighted av	erade: 3.61 (Air - 1)	

Vapour density Explosive properties

: The product itself is not explosive, but the formation of an explosible mixture of vapour or dust with air is possible.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

Code : 00243399 SIGMACOVER 456 BASE RA	Date of issue/Date of revision AL 3000	: 11 August 2024
SECTION 9: Physica		
Oxidising properties	: Product does not present an oxidizing hazard.	

Oxidising properties <u>Particle characteristics</u> Median particle size

: Not applicable.

SECTION 10: Stability 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 : Under normal conditions of storage and use, hazardous reactions will not occur. hazardous reactions 10.4 Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8. **10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids. **10.6 Hazardous** : Depending on conditions, decomposition products may include the following decomposition products materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
x ylene	LD50 Dermal	Rabbit	1.7 g/kg	-
-	LD50 Oral	Rat	4.3 g/kg	-
epoxy resin (MW ≤ 700)	LD50 Dermal	Rabbit	>2 g/kg	-
	LD50 Oral	Rat	>2 g/kg	-
ethylbenzene	LC50 Inhalation Vapour	Rat	17.8 mg/l	4 hours
-	LD50 Dermal	Rabbit	17.8 g/kg	-
	LD50 Oral	Rat	3.5 g/kg	-
1-methoxy-2-propanol	LC50 Inhalation Vapour	Rat	>7000 ppm	6 hours
	LD50 Dermal	Rabbit	13 g/kg	-
	LD50 Oral	Rat	5.2 g/kg	-
2-methylpropan-1-ol	LC50 Inhalation Vapour	Rat	24.6 mg/l	4 hours
· · ·	LD50 Dermal	Rabbit	2460 mg/kg	-
	LD50 Oral	Rat	2830 mg/kg	-

Conclusion/Summary : Acute toxicity estimates

: There are no data available on the mixture itself.

Inhalation **Product/ingredient name** Inhalation Inhalation Oral (mg/ Dermal kg) (mg/kg) (gases) (vapours) (dusts (ppm) (mg/l) and mists) (mg/l) SIGMACOVER 456 BASE RAL 3000 N/A 11411.4 N/A 66.6 N/A 4300 1700 N/A N/A xylene 11 17800 ethylbenzene 3500 N/A 17.8 N/A 1-methoxy-2-propanol 5200 13000 N/A N/A N/A 2-methylpropan-1-ol 2830 2460 N/A 24.6 N/A

Irritation/Corrosion

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SECTION 11: Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation	
xylene	Skin - Moderate irritant	Rabbit	-	24 hours 500	-	
				mg		
epoxy resin (MW ≤ 700)	Eyes - Mild irritant	Rabbit	-	-	-	
	Skin - Mild irritant	Rabbit	-	-	-	
Conclusion/Summary	Not available.					
Skin	: There are no data available on the mixture itself.					
Eyes	: There are no data available on the mixture itself.					
Respiratory	: There are no data available on	the mixture its	elf.			

Sensitisation

Product/ingredient name	Route of exposure	Species	Result
epoxy resin (MW ≤ 700)	skin	Mouse	Sensitising
Conclusion/Summary		<u></u>	
Skin	: There are no d	ata available on the mixture	itself.
Respiratory	: There are no d	ata available on the mixture	itself.
<u>Mutagenicity</u>			
Conclusion/Summary	: There are no d	ata available on the mixture	itself.
Carcinogenicity			
Conclusion/Summary	: There are no d	ata available on the mixture	itself.
Reproductive toxicity			
Conclusion/Summary	: There are no d	ata available on the mixture	itself.
Teratogenicity			
Conclusion/Summary	: There are no data available on the mixture itself.		
Specific target organ toxicit	y (single exposur	<u>e)</u>	

Product/ingredient name	Category	Route of exposure	Target organs
xylene 1-methoxy-2-propanol 2-methylpropan-1-ol	Category 3 Category 3 Category 3	-	Respiratory tract irritation Narcotic effects Respiratory tract
	Category 3		irritation Narcotic effects

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
	Category 1	inhalation	-
	Category 2	-	hearing organs

Aspiration hazard

Product/ingredient name	Result
xylene	ASPIRATION HAZARD - Category 1
ethylbenzene	ASPIRATION HAZARD - Category 1

Information on likely routes : Not available.

of exposure

Potential	acut	<u>e health</u>	effects	
_				

- : Causes serious eye irritation. Eye contact
- Inhalation
- : No known significant effects or critical hazards.
- : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction. Skin contact

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SECTION 11: Toxico	ogical information
Ingestion	: No known significant effects or critical hazards.
Symptoms related to the phy	sical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.
<u>Short term exposure</u> Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	ects
Not available.	
Conclusion/Summary	: Not available.
General	: Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatities. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

Other information

: Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
epoxy resin (MW ≤ 700)	Acute LC50 1.8 mg/l	Daphnia	48 hours
	Chronic NOEC 0.3 mg/l	Daphnia	21 days
ethylbenzene	Acute EC50 1.8 mg/l Fresh water	Daphnia	48 hours
,	Chronic NOEC 1 mg/l Fresh water	Daphnia - Ceriodaphnia dubia	-
1-methoxy-2-propanol	Acute LC50 23300 mg/l	Daphnia - Daphnia	48 hours
	Acute LC50 >4500 mg/l Fresh water	Fish - Goldfish	96 hours
2-methylpropan-1-ol	Acute EC50 1100 mg/l	Daphnia	48 hours
Conclusion/Summary	: Not available	Daprina	40 11001

Conclusion/Summary

: Not available.

12.2 Persistence and degradability

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SECTION 12: Ecological information

Product/ingredient name	Test	Result		Dose	Inoculum
epoxy resin (MW ≤ 700) ethylbenzene	OECD 301F -	5 % - 28 days 79 % - Readily - 10	days	-	-
Conclusion/Summary : Not available.					
Product/ingredient name	Aquatic half-life		Photolys	S	Biodegradability
xylene epoxy resin (MW ≤ 700) ethylbenzene	- - -		- - -		Readily Not readily Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
xylene	3.12	7.4 to 18.5	Low
epoxy resin (MW ≤ 700)	3	31	Low
ethylbenzene	3.6	79.43	Low
1-methoxy-2-propanol	<1	-	Low
2-methylpropan-1-ol	1	-	Low

1	2.4	Mot	oility	in s	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 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

Product	
Methods of disposal	: The generation of waste should be avoided or minimised 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	: Yes.

Waste catalogue

Waste code	Waste designation
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging		Waste catalogue
Container	15 01 06	mixed packaging

English ((GB)

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SECTION 13: Disposal considerations

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. Vapour 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 spilt material and runoff and contact with soil, waterways, drains and sewers.
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SECTION 14: Transport information

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	UN1263	UN1263	UN1263	UN1263
14.2 UN proper shipping name	PAINT	PAINT	PAINT	PAINT
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group	111	111	111	111
14.5 Environmental hazards	No.	Yes.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	Not applicable.

ADR/RID	: None identified.
Tunnel code	: (D/E)
ADN	: The product is only regulated as an environmentally hazardous substance when transported in tank vessels.
IMDG	: None identified.
ΙΑΤΑ	: None identified.

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	

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>UK (GB)/REACH</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Ozone depleting substances

Not listed.

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SECTION 15: Regulatory information

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances,

mixtures and articles

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

Category

P5c

National regulations

Product/ingredient name	List name	Name on list	Classification	Notes
		silica, respirable crystalline respirable fraction	Carc.	-

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	 ATE = Acute Toxicity Estimate GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = GB CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number SCG = Segregation Group
	SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
Flam. Liq. 3, H226	On basis of test data
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
STOT RE 1, H372	Calculation method
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H411	Toxic to aquatic life with long lasting effects.	

United Kingdom (UK)

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SECTION 16: Other information

H412

Harmful to aquatic life with long lasting effects.

Full text of classifications

Acute Tox. 4	ACUTE TOXICITY - Category 4
Aquatic Chronic 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - 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 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
History	

Histo	ry
	_

Date of issue/ Date of revision	: 11 August 2024
Date of previous issue	: 26 April 2024
Prepared by	: EHS
Version	: 1.02

Disclaimer

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