

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

SAFETY DATA SHEET

FRS-40 SEMI-GLOSS BASE SILVER JOON METAL B335

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

Product name SDS code

: FRS-40 SEMI-GLOSS BASE SILVER JOON METAL B335 : 4092B335B

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

	Identified uses
Paint. Professional us	e Industrial use
	Uses advised against
All other uses	
Product use	: Solvent borne coating for interior use.

Solvent borne coating for interior use.

1.3 Details of the supplier of the safety data sheet

MAPAERO SAS 10, Avenue de la Rijole CS30098 09103 PAMIERS Cedex France e-mail address of person : PSRA PAMIERS@akzonobel.com

1.4 Emergency telephone number

responsible for this SDS

National advisory body/Poison Center

Telephone number	: +358 (0)9 471977
<u>Supplier</u>	
Telephone number	: +33 (0)5 34 01 34 01 +33 (0)5 61 60 23 30
Hours of operation	:

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

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

Flam. Liq. 3, H226 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336 STOT RE 2, H373 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.

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SECTION 2: Hazards identification

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

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Hazard pictograms



Signal word	: Warning
Hazard statements	 Flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.
Precautionary statements	
Prevention	: Obtain special instructions before use. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Do not breathe vapor.
Response	: IF exposed or concerned: Get medical advice or attention. IF INHALED: Call a POISON CENTER or doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	: Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	 n-butyl acetate 4-methylpentan-2-one Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Supplemental label elements	: Contains 4-morpholinecarbaldehyde and methyl methacrylate. May produce an allergic reaction. Repeated exposure may cause skin dryness or cracking.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Special packaging requirem	<u>ents</u>
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
2.3 Other hazards Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII Other hazards which do not result in classification	 This mixture does not contain any substances that are assessed to be a PBT or a vPvB. None known.



: Mixture 3.2 Mixtures Product/ingredient name Identifiers % Regulation (EC) No. Type 1272/2008 [CLP] [1] [2] n-butyl acetate REACH #: ≥25 - ≤50 Flam. Liq. 3, H226 STOT SE 3, H336 01-2119485493-29 EUH066 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1 REACH #: [1] [2] 2-methoxy-1-methylethyl acetate ≥10 - ≤25 Flam. Liq. 3, H226 01-2119475791-29 STOT SE 3, H336 EC: 203-603-9 CAS: 108-65-6 Reaction mass of ethylbenzene REACH #: <10 Flam. Liq. 3, H226 [1] [2] and xylene 01-2119488216-32 Acute Tox. 4, H312 EC: 905-588-0 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 4-methylpentan-2-one EC: 203-550-1 ≤5 Flam. Liq. 2, H225 [1] [2] CAS: 108-10-1 Acute Tox. 4, H332 Index: 606-004-00-4 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H336 EUH066 ≤3 [1] aromatic hydrocarbons, C9 REACH #: Flam. Liq. 3, H226 01-2119455851-35 STOT SE 3, H335 EC: 918-668-5 STOT SE 3, H336 CAS: 128601-23-0 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066 [1] Hydrocarbons, C9-C12, n-alkanes, REACH #: ≤3 Flam. Lig. 3, H226 isoalkanes, cyclic, aromatics 01-2119458049-33 STOT SE 3, H336 (2-25%) EC: 919-446-0 STOT RE 1, H372 (inhalation) Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066 EC: 224-518-3 [1] <1 4-morpholinecarbaldehyde Skin Sens. 1, H317 CAS: 4394-85-8 REACH #: [1] [2] methyl methacrylate <1 Flam. Liq. 2, H225 01-2119452498-28 Skin Irrit. 2, H315 EC: 201-297-1 Skin Sens. 1, H317 STOT SE 3, H335 CAS: 80-62-6 Index: 607-035-00-6 ≤0.1 [1] [2] Flam. Liq. 3, H226 cyclohexanone REACH #: 01-2119453616-35 Acute Tox. 4, H332 EC: 203-631-1 CAS: 108-94-1 Index: 606-010-00-7 See Section 16 for the full text of the H statements declared above.

SECTION 3: Composition/information on ingredients

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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.

Туре

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

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 it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. 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.

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.

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SECTION 4: First aid measures

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 4-morpholinecarbaldehyde, methyl methacrylate. May produce an allergic reaction.

Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

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

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	Use dry chemical, CO₂, water spray (fog) or foam.	
Unsuitable extinguishing media	Do not use water jet.	
5.2 Special hazards arising f	the substance or mixture	
Hazards from the substance or mixture	Flammable liquid and vapor. Runoff to sewer may creating a fire or if heated, a pressure increase will occur any the risk of a subsequent explosion. This material is have a subsequent explosion with this material is have a subsequent contaminated with this material prevented from being discharged to any waterway, set	d the container may burst, with armful to aquatic life with long erial must be contained and
Hazardous combustion products	Decomposition products may include the following ma carbon dioxide carbon monoxide metal oxide/oxides	iterials:
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 i 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.	
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.
6.3 Methods and materials for	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	:	See Section 1 for emergency contact information.
sections		See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.
		See Section 15 for additional waste treatment miornation.

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	obtain special instructions be have been read and understo breathe vapor or mist. Do no with adequate ventilation. We inadequate. Do not enter sto ventilated. Keep in the origin compatible material, kept tigh heat, sparks, open flame or a (ventilating, lighting and mate Take precautionary 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 electrica (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	ed. Workers should wash han Remove contaminated clothi ting areas. See also Section	ds and face before ing and protective	
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SECTION 7: Handling and storage

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

	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

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	<u> </u>		
n-butyl acetate	(Finland, [.] STEL: 96 STEL: 20 TWA: 72 TWA: 15	60 mg/m ³ 15 minutes. 10 ppm 15 minutes. 0 mg/m³ 8 hours. 0 ppm 8 hours.	-
2-methoxy-1-methylethyl aceta	(Finland, 0 TWA: 50 TWA: 27 STEL: 10 STEL: 55	of Occupational Health, Mini 6/2018). Absorbed through s ppm 8 hours. 0 mg/m ³ 8 hours. 00 ppm 15 minutes. 50 mg/m ³ 15 minutes.	skin.
Reaction mass of ethylbenzen	(Finland, STEL: 44 STEL: 10 TWA: 22	of Occupational Health, Mini 12/2019). Absorbed through 0 mg/m ³ 15 minutes. 0 ppm 15 minutes. 0 mg/m ³ 8 hours. ppm 8 hours.	
4-methylpentan-2-one	(Finland, STEL: 21 STEL: 50 TWA: 80	of Occupational Health, Mini 12/2019). 0 mg/m ³ 15 minutes. 0 ppm 15 minutes. mg/m ³ 8 hours. ppm 8 hours.	stry of Social Affairs
methyl methacrylate	Institute o (Finland, 1 STEL: 21 STEL: 50 TWA: 42 TWA: 10	of Occupational Health, Mini 12/2019). 0 mg/m ³ 15 minutes. 0 ppm 15 minutes. mg/m ³ 8 hours. ppm 8 hours.	-
cyclohexanone		of Occupational Health, Mini	Stry of Social Attairs
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SECTION 8: Exposure controls/personal protection

(Finland, 12/2019). Absorbed through skin.

STEL: 82 mg/m³ 15 minutes. STEL: 20 ppm 15 minutes.

TWA: 41 mg/m³ 8 hours.

TWA: 10 ppm 8 hours.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
n-butyl acetate	DNEL	Long term Oral	3.4 mg/kg	General	Systemic
-		-	bw/day	population	
	DNEL	Long term Dermal	3.4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	7 mg/kg	Workers	Systemic
	DNEL	Long term	bw/day 12 mg/m³	General	Systemic
	DINEL	Inhalation	12 mg/m	population	Systemic
	DNEL		48 mg/m³	Workers	Systemic
	DNEL	Long term Inhalation	40 mg/m	WUIKEIS	Systemic
	DNEL	Long term	102.34 mg/	General	Local
	DINEL	Inhalation	m ³	population	LUCAI
	DNEL	Long term	480 mg/m ³	Workers	Local
	DNEL	Inhalation	-00 mg/m	VVUINCIS	LUCA
	DNEL	Short term	859.7 mg/	General	Local
		Inhalation	m ³	population	
	DNEL	Short term	859.7 mg/	General	Systemic
	DIVLL	Inhalation	m ³	population	Oysternie
	DNEL	Short term	960 mg/m ³	Workers	Local
		Inhalation	300 mg/m	WOIKEI3	Local
	DNEL	Short term	960 mg/m ³	Workers	Systemic
	DIVLL	Inhalation	500 mg/m	Workers	Oysternie
Reaction mass of ethylbenzene and	DNEL	Long term Oral	1.6 mg/kg	General	Systemic
xylene		Long term Ora	bw/day	population	Oysternic
xylene	DNEL	Long term	14.8 mg/m ³	General	Systemic
	DINLL	Inhalation	14.0 mg/m	population	Systemic
	DNEL	Long term	77 mg/m³	Workers	Systemic
		Inhalation	77 mg/m	WOIKEI3	Oysternic
	DNEL	Long term Dermal	108 mg/kg	General	Systemic
		Long torm Derma	bw/day	population	Systemic
	DNEL	Long term Dermal	180 mg/kg	Workers	Systemic
		Long torm Dormal	bw/day		
	DNEL	Short term	289 mg/m ³	Workers	Local
		Inhalation			
	DNEL	Short term	289 mg/m ³	Workers	Systemic
		Inhalation			- yeternio
4-methylpentan-2-one	DNEL	Long term Oral	4.2 mg/kg	General	Systemic
		5	bw/day	population	,
	DNEL	Long term Dermal	4.2 mg/kg	General	Systemic
		Ŭ	bw/day	population	
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-	DNEL	Long term Dermal	11.8 mg/	Workers	Systemic
		-	kg bw/day		
	DNEL	Long term	14.7 mg/m ³		Local
		Inhalation	4 4 7	population	O. untermite
	DNEL	Long term Inhalation	14.7 mg/m ³	General population	Systemic
	DNEL	Long term	83 mg/m³	Workers	Local
	DIVEL	Inhalation	oo mg/m	Wontoro	Loodi
	DNEL	Long term	83 mg/m³	Workers	Systemic
		Inhalation			
	DNEL	Short term	155.2 mg/	General	Local
	DNEL	Inhalation Short term	m^{3}	population General	Svotomio
	DINEL	Inhalation	155.2 mg/ m³	population	Systemic
	DNEL	Short term	208 mg/m ³	Workers	Local
		Inhalation	,		
	DNEL	Short term	208 mg/m ³	Workers	Systemic
		Inhalation			
4-morpholinecarbaldehyde	DNEL	Long term Oral	8 mg/kg	General	Systemic
	DNEL	Long term Dermal	bw/day 8 mg/kg	population General	Systemic
			o mg/kg bw/day	population	Systemic
	DNEL	Long term Dermal	14 mg/kg	Workers	Systemic
			bw/day		
	DNEL	Long term	29 mg/m³	General	Systemic
		Inhalation		population	
	DNEL	Long term	98 mg/m³	Workers	Systemic
methyl methacrylate	DNEL	Inhalation Long term Dermal	8.2 mg/kg	General	Systemic
	DINCL	Long term Derma	bw/day	population	Systemic
	DNEL	Long term Dermal	13.67 mg/	Workers	Systemic
		Ŭ	kg bw/day		,
	DNEL	Long term	74.3 mg/m ³		Systemic
		Inhalation		population	
	DNEL	Long term	104 mg/m ³	General	Local
	DNEL	Inhalation Long term	208 mg/m ³	population Workers	Local
	DINEL	Inhalation	200 mg/m	WOINCIS	Local
	DNEL	Long term	208 mg/m ³	Workers	Systemic
		Inhalation	-		
cyclohexanone	DNEL	Short term Dermal	1 mg/kg	General	Systemic
			bw/day	population	Quete
	DNEL	Long term Dermal	1 mg/kg bw/day	General population	Systemic
	DNEL	Short term Oral	1.5 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Oral	1.5 mg/kg	General	Systemic
		-	bw/day	population	
	DNEL	Short term Dermal	4 mg/kg	Workers	Systemic
		Long term Derme	bw/day	Morkers	Systemia
	DNEL	Long term Dermal	4 mg/kg bw/day	Workers	Systemic
	DNEL	Long term	10 mg/m ³	General	Systemic
		Inhalation	· • ····9/····	population	
	DNEL	Long term	20 mg/m³	General	Local
		Inhalation		population	
	DNEL	Short term	20 mg/m³	General	Systemic
	DNEL	Inhalation Short term	$10 \text{ ma}/\text{m}^3$	population Ceneral	
	DNEL	Short term Inhalation	40 mg/m³	General population	Local
	DNEL	Long term	40 mg/m³	Workers	Local
		Inhalation			
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SECTION 8: Exposure controls/personal protection							
DNEL Long term 40 mg/m ³ Workers Systemic							
DNEI	- Short term Inhalation	80 mg/m ³	Workers	Local			
DNEI	- Short term Inhalation	80 mg/m³	Workers	Systemic			
PNECs	I	11	1	I			

<u>PNECs</u>

No PNECs available.

8.2 Exposure controls			
Appropriate engineering controls	ventilation or oth contaminants be controls also nee explosive limits.	equate ventilation. Use process enclosure er engineering controls to keep worker ex low any recommended or statutory limits. ed to keep gas, vapor or dust concentratio Use explosion-proof ventilation equipmer	posure to airborne The engineering ns below any lower
Individual protection meas			
Hygiene measures	before eating, sn Appropriate tech Wash contamina	earms and face thoroughly after handling noking and using the lavatory and at the e niques should be used to remove potentia ated clothing before reusing. Ensure that o are close to the workstation location.	nd of the working period. ally contaminated clothing.
Eye/face protection	assessment indig gases or dusts.	complying with an approved standard shou cates this is necessary to avoid exposure If contact is possible, the following protect soment indicates a higher degree of protect	to liquid splashes, mists, tion should be worn,
Skin protection			
Hand protection	be worn at all tim this is necessary check during use should be noted different for differ several substance estimated. When prolonged protection class	ant, impervious gloves complying with an a nes when handling chemical products if a c. Considering the parameters specified b that the gloves are still retaining their pro- that the time to breakthrough for any glow rent glove manufacturers. In the case of no- ces, the protection time of the gloves cannot or frequently repeated contact may occur of 6 (breakthrough time >480 minutes accur of 8 (breakthrough time >480 minutes accur of 9 (breakthrough ti	risk assessment indicates y the glove manufacturer, otective properties. It e material may be mixtures, consisting of tot be accurately r, a glove with a cording to EN374) is
	When only brief (breakthrough tir Recommended g Gloves should be material. The performance	Recommended gloves: Viton ® or Nitrile, contact is expected, a glove with protectio ne >30 minutes according to EN374) is re gloves: Nitrile, thickness ≥ 0.12 mm. e replaced regularly and if there is any sig e or effectiveness of the glove may be red	n class of 2 or higher commended. n of damage to the glove
	The user must cl product is the mo	e and poor maintenance. heck that the final choice of type of glove s ost appropriate and takes into account the in the user's risk assessment.	
Body protection	being performed before handling t wear anti-static p discharges, cloth	ive equipment for the body should be sele and the risks involved and should be app this product. When there is a risk of ignitio protective clothing. For the greatest protect ning should include anti-static overalls, boo ard EN 1149 for further information on ma d test methods.	roved by a specialist on from static electricity, ction from static ots and gloves. Refer to
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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

9.1 Information on basic physical and chemical properties

<u>Appearance</u>		
Physical state	:	Liquid.
Color	:	Silver.
Odor	:	Characteristic.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point/freezing point	:	Not available.
Initial boiling point and	:	Not available.
boiling range		
Flash point	:	Closed cup: 28°C
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Upper/lower flammability or explosive limits	:	Not available.
Vapor pressure	:	Not available.
Vapor density	:	Highest known value: 4.6 (Air = 1) (2-methoxy-1-methylethyl acetate). Weighted average: 4.04 (Air = 1)
Density	:	0.981 g/cm ³
Solubility(ies)	:	Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/	:	Not available.
water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Kinematic (room temperature): 10.19 cm²/s Kinematic (40°C): 1.01 cm²/s

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to	o reactivity available for this pro	oduct or its ingredients.
10.2 Chemical stability	: The product is stable.		
10.3 Possibility of hazardous reactions	: Under normal conditions of st	orage and use, hazardous rea	ctions will not occur.
10.4 Conditions to avoid	: Avoid all possible sources of braze, solder, drill, grind or ex	ignition (spark or flame). Do n pose containers to heat or sou	•
Date of issue/Date of revision	: 1-10-2022	Version : 1	
Date of previous issue	: No previous validation	11/20	AkzoNobel

SECTION 10: Stability and reactivity

10.5 Incompatible materials	
	oxidizing materials

10.6 Hazardous	: Under normal conditions of storage and use, hazardous decomposition products
decomposition products	should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
n-butyl acetate	LC50 Inhalation Gas.	Rat	390 ppm	4 hours
	LC50 Inhalation Vapor	Mouse	6 g/m³	2 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-
	LD50 Oral	Guinea pig	4700 mg/kg	-
	LD50 Oral	Mouse	6 g/kg	-
	LD50 Oral	Rabbit	3200 mg/kg	-
	LD50 Oral	Rat	10768 mg/kg	-
Reaction mass of	LC50 Inhalation Gas.	Rat	5000 ppm	4 hours
ethylbenzene and xylene				
4-methylpentan-2-one	LD50 Intraperitoneal	Guinea pig	800 mg/kg	-
51	LD50 Intraperitoneal	Mouse	268 mg/kg	-
	LD50 Intraperitoneal	Rat	400 mg/kg	-
	LD50 Oral	Guinea pig	1600 mg/kg	-
	LD50 Oral	Mouse	1900 mg/kg	-
	LD50 Oral	Mouse	2850 mg/kg	-
	LD50 Oral	Rat	2080 mg/kg	-
	LD50 Oral	Rat	4600 mg/kg	-
4-morpholinecarbaldehyde	LD50 Oral	Rat	6500 uL/kg	_
methyl methacrylate	LC50 Inhalation Vapor	Mouse	18500 mg/m ³	2 hours
	LC50 Inhalation Vapor	Rat	78000 mg/m ³	4 hours
	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Intraperitoneal	Guinea pig	1890 mg/kg	_
	LD50 Intraperitoneal	Mouse	945 mg/kg	_
	LD50 Intraperitoneal	Rat	1328 mg/kg	_
	LD50 Oral	Guinea pig	5954 mg/kg	_
	LD50 Oral	Mouse	3625 mg/kg	_
	LD50 Oral	Rabbit	8700 mg/kg	_
	LD50 Oral	Rat	7872 mg/kg	-
	LD50 Subcutaneous	Guinea pig	5954 mg/kg	-
	LD50 Subcutaneous	Mouse	5954 mg/kg	-
	LD50 Subcutaneous	Rat	7088 mg/kg	-
cyclohexanone	LC50 Inhalation Gas.	Rat	8000 ppm	- 4 hours
cyclonexanone	LD50 Dermal	Rabbit	1 mL/kg	4 110015
		Guinea pig		-
	LD50 Intraperitoneal LD50 Intraperitoneal	Mouse	930 mg/kg 1230 mg/kg	-
		Mouse	1230 mg/kg	-
	LD50 Intraperitoneal			-
	LD50 Intraperitoneal	Rabbit	1540 mg/kg	-
	LD50 Intraperitoneal	Rabbit Rat	1540 mg/kg	-
	LD50 Intraperitoneal LD50 Intraperitoneal	Rat	1130 mg/kg	-
			1130 mg/kg	-
	LD50 Oral	Mouse	1400 mg/kg	-
	LD50 Oral	Rat	1800 mg/kg	-
1	LD50 Oral	Rat	1620 uL/kg	-
1	LD50 Subcutaneous	Rat	2170 mg/kg	

Irritation/Corrosion

Date of issue/Date of revision Date of previous issue



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 FRS-40 SEMI-GLOSS BASE SILVER JOON METAL B335

SECTION 11: Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
n-butyl acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
	En en en altre fan it en a	DULY		mg	
Reaction mass of ethylbenzene and xylene	Eyes - Mild irritant	Rabbit	-	87 mg	-
etrybenzene and xylene	Eyes - Severe irritant	Rabbit	_	24 hours 5	_
		T CODIC		mg	
	Skin - Mild irritant	Rat	-	8 hours 60 UI	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	100 %	-
4-methylpentan-2-one	Eyes - Moderate irritant	Rabbit	-	24 hours 100 UI	-
	Eyes - Severe irritant	Rabbit		40 mg	_
	Skin - Mild irritant	Rabbit	_	24 hours 500	-
				mg	
4-morpholinecarbaldehyde	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
avalahayanana	Even Sovere irritent	Rabbit		mg 24 hours 250	
cyclohexanone	Eyes - Severe irritant	Rappil	-	ug	-
	Eyes - Severe irritant	Rabbit	_	20 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Conclusion/Summary	: Not available.				
Sensitization					
Conclusion/Summary	: Not available.				
Mutagenicity					
Conclusion/Summary	: Not available.				
<u>Carcinogenicity</u>					
Conclusion/Summary	: Not available.				
Reproductive toxicity					
Conclusion/Summary	: Not available.				

Conclusion/Summary : Not available. <u>Specific target organ toxicity (single exposure)</u>

Product/ingredient name	Category	Route of exposure	Target organs
n-butyl acetate	Category 3	-	Narcotic effects
2-methoxy-1-methylethyl acetate	Category 3	-	Narcotic effects
Reaction mass of ethylbenzene and xylene	Category 3	-	Respiratory tract irritation
4-methylpentan-2-one	Category 3	-	Narcotic effects
aromatic hydrocarbons, C9	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)	Category 3	-	Narcotic effects
methyl methacrylate	Category 3	-	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Teratogenicity



SECTION 11: Toxicological information

Product/ingredient name	Category	Route of exposure	Target organs
Reaction mass of ethylbenzene and xylene Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)	Category 2 Category 1	- inhalation	-

Aspiration hazard

Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene aromatic hydrocarbons, C9 Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

Information on the likely : Not available. routes of exposure

Potential acute health effects

Eye contact

	Callede	coriouc	01/0	irritation.
	Causes	SCHOUS	CYC	inniaion.

- Inhalation
 : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- **Skin contact** : Defatting to the skin. May cause skin dryness and irritation.
- **Ingestion** : Can cause central nervous system (CNS) depression.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact :	Adverse symptoms may include the following: pain or irritation watering redness
Inhalation :	Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact :	Adverse symptoms may include the following: irritation dryness cracking
Ingestion :	No specific data.

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

<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 eff	<u>ects</u>		
Not available.			
Conclusion/Summary	: Not available.		
Date of issue/Date of revision	: 1-10-2022	Version : 1	

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SECTION 11: Toxicological information

General	: May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	: Suspected of causing 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.
ther 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
n-butyl acetate	Acute LC50 32 mg/l Marine water	Crustaceans - Artemia salina	48 hours
-	Acute LC50 100000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
	Acute LC50 18000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 185000 µg/l Marine water	Fish - Menidia beryllina	96 hours
	Acute LC50 62000 µg/l Fresh water	Fish - Danio rerio	96 hours
Reaction mass of	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
ethylbenzene and xylene			
4-methylpentan-2-one	Acute LC50 505000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 540000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 537000 µg/l Fresh water	Fish - Pimephales promelas -	96 hours
		Juvenile (Fledgling, Hatchling, Weanling)	
	Chronic NOEC 78 mg/l Fresh water	Daphnia - Daphnia magna	21 days
	Chronic NOEC 168 mg/l Fresh water	Fish - Pimephales promelas -	33 days
	5	Embryo	
methyl methacrylate	Acute LC50 191000 µg/l Fresh water	Fish - Lepomis macrochirus -	96 hours
		Juvenile (Fledgling, Hatchling,	
		Weanling)	
	Acute LC50 159100 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 160200 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 150000 µg/l Fresh water	Fish - Pimephales promelas -	96 hours
		Adult	
	Acute LC50 130000 µg/l Fresh water	Fish - Pimephales promelas -	96 hours
		Adult	
cyclohexanone	Acute EC50 32.9 mg/l Fresh water	Algae - Chlamydomonas	72 hours
		reinhardtii - Exponential growth	
		phase	
	Acute LC50 630000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 527000 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 732000 µg/l Fresh water	Fish - Pimephales promelas	96 hours

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary

: Not available.

12.3 Bioaccumulative potential



SECTION 12: Ecological information

Product/ingredient name	LogPow	BCF	Potential	
n-butyl acetate	2.3	-	low	
2-methoxy-1-methylethyl	1.2	-	low	
acetate				
Reaction mass of	3.12	8.1 to 25.9	low	
ethylbenzene and xylene				
4-methylpentan-2-one	1.9	-	low	
4-morpholinecarbaldehyde	-	<1.9	low	
methyl methacrylate	1.38	-	low	
cyclohexanone	0.86	-	low	

12.4 Mobility in soil Soil/water partition

coefficient (Koc)	: Not available.
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

<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		
Packaging			
Methods of disposal	: The generation of waste shou packaging should be recycled when recycling is not feasible.		•
Disposal considerations	, .		
ate of issue/Date of revision	: 1-10-2022	Version :1	
ate of previous issue	: No previous validation 16/20 Akzono		AkzoNobel

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. 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	IATA		
14.1 UN number	UN1263	UN1263	UN1263		
14.2 UN proper shipping name	PAINT	PAINT	PAINT		
14.3 Transport hazard class(es)	3	3	3		
14.4 Packing group	111	111			
14.5 Environmental hazards	No.	No.	No.		

Additional information

ADR/RID	: Viscous liquid exception This class 3 viscous liquid is not subject to regulation in
	packagings up to 450 L according to 2.2.3.1.5.1.
	Tunnel code (D/E)

IMDG

: <u>Emergency schedules</u> F-E, _S-E_ <u>Viscous liquid exception</u> 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 applicable.
according to IMO	
instruments	

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>

Annex XIV - List of substances subject to authorization

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.



SECTION 15: Regulatory information

SECTION 15: Regula	
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
Other EU regulations VOC	: The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the
VOC	product label and/or technical data sheet for further information.
VOC for Ready-for-Use Mixture	: Not applicable.
Industrial emissions (integrated pollution prevention and control) - Air	: Listed
Industrial emissions (integrated pollution prevention and control) - Water	: Not listed
Ozone depleting substand Not listed.	<u>ces (1005/2009/EU)</u>
<u>Prior Informed Consent (</u> P	<u>PIC) (649/2012/EU)</u>
Not listed.	
<u>Seveso Directive</u> This product is controlled ur	nder the Sevesa Directive
Danger criteria	
Danger criteria	
<u>Danger criteria</u> Category	 The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.
Danger criteria Category P5c	: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply
Danger criteria Category P5c Industrial use	: The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.
Danger criteriaCategoryP5cIndustrial useNACEUC62International regulations	 The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work. Not available.
Danger criteria Category P5c Industrial use NACE UC62 International regulations Chemical Weapon Convent	 The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work. Not available. Not available.
Danger criteria Category P5c Industrial use NACE UC62 International regulations Chemical Weapon Convent Not listed. Montreal Protocol Not listed.	 The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work. Not available. Not available.
Danger criteria Category P5c Industrial use NACE UC62 International regulations Chemical Weapon Convent Not listed. Montreal Protocol Not listed. Stockholm Convention on I Not listed.	 The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work. Not available. Not available.
Danger criteria Category P5c Industrial use NACE UC62 International regulations Chemical Weapon Convent Not listed. Montreal Protocol Not listed. Stockholm Convention on I Not listed. Rotterdam Convention on I	 The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work. Not available. Not available. ion List Schedules I, II & III Chemicals Persistent Organic Pollutants Prior Informed Consent (PIC)



SECTION 15: Regulatory information

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

SECTION 16: Other information

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

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

Classification	Justification
Flam. Liq. 3, H226	On basis of test data
Eye Irrit. 2, H319	Calculation method
Carc. 2, H351	Calculation method
STOT SE 3, H336	Calculation method
STOT RE 2, H373	Calculation method
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

T	
H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
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.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
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.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
H372 H373 H411 H412	Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Date of issue/Date of revision :1-10-2022 Version :1	Acute Tox. 4 Aquatic Chronic 2 Aquatic Chronic 3 Asp. Tox. 1 Carc. 2 Eye Irrit. 2 Flam. Liq. 2 Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 STOT RE 1		AQUATIC HAZARD (Ì ASPIRATION HAZAR CARCINOGENICITY SERIOUS EYE DAMA FLAMMABLE LIQUID FLAMMABLE LIQUID SKIN CORROSION/IF SKIN SENSITIZATIO	LONG-TERM) - Category 2 LONG-TERM) - Category 3 ID - Category 1 - Category 2 AGE/ EYE IRRITATION - Ca S - Category 2 S - Category 3 RRITATION - Category 2 N - Category 1 DRGAN TOXICITY (REPEA	
	Date of issue/Date of revision	: 1-10-2022		Version : 1	AkzoNobel

SECTION 16: Other information				
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY (REPEATED			
STOT SE 3	EXPOSURE) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3			
Date of printing	: 6 October 2022			
Date of issue/ Date of revision	: 1 October 2022			
Date of previous issue	: No previous validation			
Version	: 1			
Unique ID	:			
Notice to reader				

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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 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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