

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 BLUE SF7097

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

1.1 Product identifier

Product name SDS code : FRS-40 SEMI-GLOSS BASE BLUE SF7097 : 40997097B

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

	Identified uses	
Paint. Professional use I	ndustrial use	
	Uses advised against	
All other uses		
	. Column have conting for interior upp	

Product 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

responsible for this SDS

1.4 Emergency telephone number

National advisory body/Po	<u>oison Center</u>
Telephone number	: +33 (0)1 40 05 48 48
<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 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 STOT RE 2, H373

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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2.2 Label elements

Hazard pictograms



Signal word	Warning	
Hazard statements	Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.	
Precautionary statements		
Prevention	Wear protective gloves. Wear eye or face protection. Keep away from heat, surfaces, sparks, open flames and other ignition sources. No smoking. Do no breathe vapor. Wash hands thoroughly after handling.	
Response	Get medical advice or attention if you feel unwell. IF INHALED: Call a POISC CENTER or doctor if you feel unwell. Take off contaminated clothing and wa before reuse. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present a easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.	ish it
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, natio and international regulations.	onal
Hazardous ingredients	n-butyl acetate Reaction mass of ethylbenzene and xylene	
Supplemental label elements	Contains methyl methacrylate. 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	<u>S</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 vPvB. None known.	or a



: Mixture 3.2 Mixtures Product/ingredient name Identifiers % Regulation (EC) No. Type 1272/2008 [CLP] Flam. Lig. 3, H226 n-butyl acetate REACH #: ≥25 - ≤50 [1] [2] STOT SE 3, H336 01-2119485493-29 EC: 204-658-1 EUH066 CAS: 123-86-4 Index: 607-025-00-1 [1] [2] Reaction mass of ethylbenzene REACH #: ≥10 - <20 Flam. Liq. 3, H226 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 [1] [2] 2-methoxy-1-methylethyl acetate REACH #: ≤10 Flam. Liq. 3, H226 01-2119475791-29 STOT SE 3, H336 EC: 203-603-9 CAS: 108-65-6 cyclohexanone REACH #: <1 Flam. Liq. 3, H226 [1] [2] 01-2119453616-35 Acute Tox. 4, H332 EC: 203-631-1 CAS: 108-94-1 Index: 606-010-00-7 [1] Hydrocarbons, C11-C14, n-REACH #: ≤1 Asp. Tox. 1, H304 alkanes, isoalkanes, cyclics, <2% EUH066 01-2119456620-43 aromatics EC: 926-141-6 methyl methacrylate [1] [2] REACH #: ≤0.3 Flam. Liq. 2, H225 Skin Irrit. 2, H315 01-2119452498-28 EC: 201-297-1 Skin Sens. 1, H317 CAS: 80-62-6 STOT SE 3, H335 Index: 607-035-00-6 [1] [2] cumene REACH #: ≤0.1 Flam. Lig. 3, H226 01-2119473983-24 STOT SE 3, H335 EC: 202-704-5 Asp. Tox. 1, H304 CAS: 98-82-8 Aquatic Chronic 2, Index: 601-024-00-X H411 See Section 16 for the full text of the H statements declared above.

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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	:	Flush contaminated skin with plenty of water. 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.

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 methyl methacrylate. May produce an allergic reaction.

Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
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SECTION 4: First aid measures

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 redness
Ingestion	: No specific data.

4.3 Indication of any immediate 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: Firefighting 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	from the substance or mixture
Hazards from the substance or mixture	: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency	: No action shall be taken involving any personal risk or without suitable training.
personnel	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.

SECTION 6: Accidental release measures		
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).	
6.3 Methods and materials 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 release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.	
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.	

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. 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). Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. 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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Seveso Directive - Reporting thresholds

Danger criteria

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S	SECTION 7: Handling and storage			
		Notification and MAPP threshold	Safety report threshold	
	P5c	5000 tonne	50000 tonne	

7.3 Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

Occupational exposure limits

Product/ingredient	name	Exposure limit values
n-butyl acetate		try of Labor (France, 3/2020). Notes: Indicative limit
	STE STE TW	s (circular) L: 940 mg/m ³ 15 minutes. Form: Risk for sensitisation L: 200 ppm 15 minutes. Form: Risk for sensitisation A: 710 mg/m ³ 8 hours. Form: Risk for sensitisation A: 150 ppm 8 hours. Form: Risk for sensitisation
Reaction mass of ethylbenzene	Note	try of Labor (France, 3/2020). Absorbed through skin. Binding regulatory limit values (article R. 4412-149 of
	STE STE TW	abor Code) L: 442 mg/m ³ 15 minutes. Form: Risk for sensitisation L: 100 ppm 15 minutes. Form: Risk for sensitisation A: 221 mg/m ³ 8 hours. Form: Risk for sensitisation A: 50 ppm 8 hours. Form: Risk for sensitisation
2-methoxy-1-methylethyl aceta		try of Labor (France, 10/2016). Absorbed through skin.
		s: Labour Act , Art 4412-149 (Regulatory binding
		sure limits)
		L: 550 mg/m ³ 15 minutes.
		L: 100 ppm 15 minutes. A: 275 mg/m³ 8 hours.
		A: 50 ppm 8 hours.
cyclohexanone		try of Labor (France, 3/2020). Notes: Binding regulatory
cyclonexanone		values (article R. 4412-149 of the Labor Code)
		L: 81.6 mg/m ³ 15 minutes. Form: Risk for sensitisation
		L: 20 ppm 15 minutes. Form: Risk for sensitisation
		A: 40.8 mg/m ³ 8 hours. Form: Risk for sensitisation
		A: 10 ppm 8 hours. Form: Risk for sensitisation
methyl methacrylate		try of Labor (France, 3/2020). Notes: Binding regulatory
		values (article R. 4412-149 of the Labor Code)
		L: 410 mg/m ³ 15 minutes. Form: Risk for sensitisation
		L: 100 ppm 15 minutes. Form: Risk for sensitisation
		A: 205 mg/m ³ 8 hours. Form: Risk for sensitisation
	TW	A: 50 ppm 8 hours. Form: Risk for sensitisation
cumene	Note	try of Labor (France, 3/2020). Absorbed through skin. S: Binding regulatory limit values (article R. 4412-149 of
		abor Code)
	STE	L: 250 mg/m ³ 15 minutes. Form: Risk for sensitisation L: 50 ppm 15 minutes. Form: Risk for sensitisation
		A: 100 mg/m³ 8 hours. Form: Risk for sensitisation A: 20 ppm 8 hours. Form: Risk for sensitisation
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SECTION 8: Exposure controls/personal protection

Recommended monitoring proceduresIf 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 bw/day	General population	Systemic
	DNEL	Long term Dermal	3.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	7 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	12 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	48 mg/m³	Workers	Systemic
	DNEL	Long term Inhalation	102.34 mg/ m³	General population	Local
	DNEL	Long term Inhalation	480 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	859.7 mg/ m³	General population	Local
	DNEL	Short term Inhalation	859.7 mg/ m ³	General population	Systemic
	DNEL	Short term Inhalation	960 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	960 mg/m³	Workers	Systemic
Reaction mass of ethylbenzene an xylene	d DNEL	Long term Oral	1.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	14.8 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	77 mg/m³	Workers	Systemic
	DNEL	Long term Dermal	108 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	180 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Inhalation	289 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	289 mg/m³	Workers	Systemic
cyclohexanone	DNEL	Short term Dermal	1 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	1 mg/kg bw/day	General population	Systemic
	DNEL	Short term Oral	1.5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	1.5 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	4 mg/kg	Workers	Systemic
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e of previous issue : N	o previous va	lidation	8/20		AkzoNob

SECTION 8: Exposure cont	SECTION 8: Exposure controls/personal protection				
			bw/day		
	DNEL	Long term Dermal	4 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	10 mg/m³	General population	Systemic
	DNEL	Long term	20 mg/m³	General	Local
	DNEL	Inhalation Short term	20 mg/m³	population General	Systemic
	DNEL	Inhalation Short term	40 mg/m ³	population General	Local
	DNEL	Inhalation Long term	40 mg/m³	population Workers	Local
	DNEL	Inhalation Long term	40 mg/m ³	Workers	Systemic
	DNEL	Inhalation Short term	80 mg/m³	Workers	Local
	DNEL	Inhalation Short term	80 mg/m ³	Workers	Systemic
methyl methacrylate	DNEL	Inhalation Long term Dermal	8.2 mg/kg	General	Systemic
	DNEL	Long term Dermal	bw/day 13.67 mg/	population Workers	Systemic
	DNEL	Long term	kg bw/day 74.3 mg/m³		Systemic
	DNEL	Inhalation Long term Inhalation	104 mg/m ³	population General population	Local
	DNEL	Long term	208 mg/m ³	Workers	Local
	DNEL	Long term	208 mg/m³	Workers	Systemic
cumene	DNEL	Long term Dermal	1.2 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	5 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	15.4 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	16.6 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	100 mg/m³	Workers	Systemic
	DNEL	Short term Inhalation	250 mg/m ³	Workers	Local

PNECs

No PNECs available.

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8.2 Exposure controls Appropriate engineering controls	ventilation or contaminants controls also	adequate ventilation. Use process enclosures, local exhaust other engineering controls to keep worker exposure to airborne below any recommended or statutory limits. The engineering need to keep gas, vapor or dust concentrations below any lower ts. Use explosion-proof ventilation equipment.
Individual protection meas	ures	
Hygiene measures	before eating Appropriate t Wash contar	forearms and face thoroughly after handling chemical products, , smoking and using the lavatory and at the end of the working period. echniques should be used to remove potentially contaminated clothing. hinated clothing before reusing. Ensure that eyewash stations and rs are close to the workstation location.
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SECTION 8: Exposure controls/personal protection				
Eye/face protection	y eyewear complying with an approved stan ssment indicates this is necessary to avoid e s or dusts. If contact is possible, the followir s the assessment indicates a higher degree les.	exposure to liquid splashes, mists, ng protection should be worn,		
Skin protection				
Hand protection	nical-resistant, impervious gloves complying orn at all times when handling chemical proc s necessary. Considering the parameters sp k during use that the gloves are still retaining d be noted that the time to breakthrough for ent for different glove manufacturers. In the ral substances, the protection time of the glo ated.	lucts if a risk assessment indicates becified by the glove manufacturer, g their protective properties. It any glove material may be case of mixtures, consisting of		
	n prolonged or frequently repeated contact n ction class of 6 (breakthrough time >480 min nmended. Recommended gloves: Viton ® o n only brief contact is expected, a glove with kthrough time >30 minutes according to EN mmended gloves: Nitrile, thickness \geq 0.12 n es should be replaced regularly and if there i rial.	nutes according to EN374) is or Nitrile, thickness ≥ 0.38 mm. protection class of 2 or higher 374) is recommended. nm.		
	performance or effectiveness of the glove main ical damage and poor maintenance.	ay be reduced by physical/		
	user must check that the final choice of type uct is the most appropriate and takes into ac as included in the user's risk assessment.			
Body protection	onal protective equipment for the body shoul performed and the risks involved and shou e handling this product. When there is a risl anti-static protective clothing. For the great arges, clothing should include anti-static ove bean Standard EN 1149 for further informati rements and test methods.	ld be approved by a specialist k of ignition from static electricity, est protection from static eralls, boots and gloves. Refer to		
Other skin protection	opriate footwear and any additional skin prot ted based on the task being performed and oved by a specialist before handling this proc	the risks involved and should be		
Respiratory protection	d on the hazard and potential for exposure, opriate standard or certification. Respirators ratory protection program to ensure proper f cts of use.	must be used according to a		
Environmental exposure controls	sions from ventilation or work process equip re they comply with the requirements of envi me cases, fume scrubbers, filters or enginee ment will be necessary to reduce emissions	ronmental protection legislation. ering modifications to the process		

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Data of incurs (Data of revuision	. 1 10 0000	Vereier 1	
Melting point/freezing point	: Not available.		
рН	: Not available.		
Odor threshold	: Not available.		
Odor	: Characteristic.		
Color	: Blue.		
Physical state	: Liquid.		
<u>Appearance</u>			

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SECTION 9: Physical and chemical properties

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Initial boiling point and boiling range	:	Not available.
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: 4.06 (Air = 1)
Density	:	1.144 g/cm ³
Solubility(ies)	:	Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/ water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Kinematic (room temperature): 8.74 cm²/s Kinematic (40°C): 1.01 cm²/s

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 hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on 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/m ³	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				
cyclohexanone	LC50 Inhalation Gas.	Rat	8000 ppm	4 hours
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SECTION 11: Toxicological information

	LD50 Dermal	Rabbit	1 mL/kg	-
	LD50 Intraperitoneal	Guinea pig	930 mg/kg	-
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-
	LD50 Intraperitoneal	Mouse	1230 mg/kg	-
	LD50 Intraperitoneal	Rabbit	1540 mg/kg	-
	LD50 Intraperitoneal	Rabbit	1540 mg/kg	-
	LD50 Intraperitoneal	Rat	1130 mg/kg	-
	LD50 Intraperitoneal	Rat	1130 mg/kg	-
	LD50 Oral	Mouse	1400 mg/kg	-
	LD50 Oral	Rat	1800 mg/kg	-
	LD50 Oral	Rat	1620 uL/kg	-
	LD50 Subcutaneous	Rat	2170 mg/kg	-
methyl methacrylate	LC50 Inhalation Vapor	Mouse	18500 mg/m ³	2 hours
2	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	-
cumene	LC50 Inhalation Vapor	Mouse	15300 mg/m ³	2 hours
	LC50 Inhalation Vapor	Mouse	10 g/m³	7 hours
	LC50 Inhalation Vapor	Mouse	10000 mg/m ³	7 hours
	LC50 Inhalation Vapor	Rat	39000 mg/m ³	4 hours
	LD50 Dermal	Rabbit	12300 uL/kg	-
	LD50 Oral	Mouse	12750 mg/kg	-
	LD50 Oral	Rat	2.9 g/kg	-
	LD50 Oral	Rat	1400 mg/kg	-

Conclusion/Summary : Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
n-butyl acetate	Eyes - Moderate irritant	Rabbit	-	100 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Reaction mass of ethylbenzene and xylene	Eyes - Mild irritant	Rabbit	-	87 mg	-
, ,	Eyes - Severe irritant	Rabbit	-	24 hours 5 mg	-
	Skin - Mild irritant	Rat	-	8 hours 60 UI	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	100 %	-
cyclohexanone	Eyes - Severe irritant	Rabbit	-	24 hours 250	-
				ug	
	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
cumene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Eyes - Mild irritant	Rabbit	-	86 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 10	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
Conclusion/Summary	: Not available.		•		

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SECTION 11: Toxicological information

Sensitization	
Conclusion/Summary	: Not available.
<u>Mutagenicity</u>	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
<u>Teratogenicity</u>	
Conclusion/Summary	: Not available.
One office toward owners towing	

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
n-butyl acetate Reaction mass of ethylbenzene and xylene	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation
2-methoxy-1-methylethyl acetate methyl methacrylate	Category 3 Category 3	-	Narcotic effects Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Reaction mass of ethylbenzene and xylene	Category 2	-	-

Aspiration hazard

Product/ingredient name	Result
Reaction mass of ethylbenzene and xylene Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

Information on the likely : Not available. routes of exposure

Potential acute health offects

Potential acute nealth effects		
Eye contact	:	Causes serious eye irritation.
Inhalation	:	Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	:	Causes skin 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



SECTION 11: Toxico	logical information
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
Delayed and immediate effect	cts 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.
General	: May cause damage to organs through prolonged or repeated exposure.
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

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 not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 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 ethylbenzene and xylene	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
cyclohexanone	Acute EC50 32.9 mg/l Fresh water	Algae - Chlamydomonas reinhardtii - Exponential growth phase	72 hours
	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
methyl methacrylate	Acute LC50 191000 µg/l Fresh water	Fish - Lepomis macrochirus - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	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 - Adult	96 hours
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ECTION 12: ECOIO	ogical information		
	Acute LC50 130000 µg/l Fresh water	Fish - Pimephales promelas - Adult	96 hours
cumene	Acute EC50 2600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 7.4 mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute EC50 7.5 mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute EC50 10.6 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute EC50 10.6 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute EC50 11.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 7.4 mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute LC50 8 mg/l Marine water	Crustaceans - Artemia sp Nauplii	48 hours
	Acute LC50 20.3 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 20.3 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 6320 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 5100 µg/l Fresh water	Fish - Poecilia reticulata	96 hours
	Acute LC50 2700 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

Conclusion/Summary

: Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
n-butyl acetate	2.3	-	low
Reaction mass of ethylbenzene and xylene	3.12	8.1 to 25.9	low
2-methoxy-1-methylethyl acetate	1.2	-	low
cyclohexanone	0.86	-	low
methyl methacrylate	1.38	-	low
cumene	3.55	35.48	low

12.4 Mobility in soil	
Soil/water partition coefficient (K _{oc})	: 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 should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Disposal considerations	 Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. 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/RII	D IMDG	L. L.	ΑΤΑ
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	
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SECTION 14: T	ranspo	rt	information			
14.5 Environmental hazards	No.			No.		No.
Additional informat	tion					
ADR/RID		:	Viscous liquid exc packagings up to 4 Tunnel code (D/E)	50 L according to 2		d is not subject to regulation in
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 precau user	tions for		-	Ensure that person	•	rt in closed containers that are g the product know what to do in
14.7 Transport in bu according to IMO instruments	ılk	:	Not applicable.			
SECTION 15: F	Regulat	or	y information			
15.1 Safety, health a <u>EU Regulation (EC</u>)			-	egislation specific	c for the subs	stance or mixture

Annex XIV - List of substances subject to authorization

Annex XIV	-		
None of the components a	re listed.		
Substances of very high	<u>concern</u>		
None of the components a	re listed.		
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		tive 2004/42/EC on VOC apply to this pro chnical data sheet for further information.	
VOC for Ready-for-Use Mixture	: Not applicable.		
Industrial emissions (integrated pollution prevention and control) - Air	: Not listed		
Industrial emissions (integrated pollution prevention and control) - Water	: Not listed		
Ozone depleting substanc	<u>es (1005/2009/EU)</u>		
Not listed.			
Prior Informed Consent (P Not listed.	<u>IC) (649/2012/EU)</u>		
Seveso Directive			
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SECTION 15: Regulatory information

This product is controlled under the Seveso Directive.

Danger criteria

Category

P5c	P5c	
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National regulations			
Industrial use	: The information contained in this safety data shee own assessment of workplace risks, as required b legislation. The provisions of the national health an to the use of this product at work.	y other health and safety	
Social Security Code, Articles L 461-1 to L 461-7	 n-butyl acetate Reaction mass of ethylbenzene and xylene cyclohexanone methyl methacrylate cumene 	RG 84 RG 4bis, RG 84 RG 84 RG 82 RG 84	
Reinforced medical surveillance	: Decree n ° 2012-135 of January 30, 2012 relating occupational medicine: not applicable	to the organization of	
International regulations			
Chemical Weapon Conventi	on List Schedules I, II & III Chemicals		
Not listed.			
Montreal Protocol			
Not listed.			
Stockholm Convention on P Not listed.	Persistent Organic Pollutants		
Rotterdam Convention on P	rior Informed Consent (PIC)		
Not listed.			
UNECE Aarhus Protocol on	POPs and Heavy Metals		
Not listed.			
Inventory list			
Europe	: Not determined.		
5.2 Chemical Safety Assessment	: No Chemical Safety Assessment has been carried	d out.	
SECTION 16: Other in	nformation		
Indicates information that h	as changed from previously issued version.		
bbreviations and	: ATE = Acute Toxicity Estimate		
cronyms	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.		

Appreviations and	: ATE – Adule Toxicity Estimate
acronyms	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
2	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 [CL P/GHS]

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

SECTION 16: Other	· information		
	Classification		Justification
Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 STOT RE 2, H373			On basis of test data Calculation method Calculation method Calculation method Calculation method
Full text of abbreviated H	statements		
H225 H226 H304 H312 H315 H317 H319 H332 H335 H336 H373 H411 H412 EUH066		Harmful in contact w Causes skin irritation May cause an allerg Causes serious eye Harmful if inhaled. May cause respirato May cause drowsine May cause damage exposure. Toxic to aquatic life Harmful to aquatic li	d vapor. owed and enters airways. /ith skin. n. ic skin reaction. irritation.
Full text of classifications	ICLP/GHS1	Trepeated exposure	may cause skin dryness of cracking.
Acute Tox. 4 Aquatic Chronic 2 Aquatic Chronic 3 Asp. Tox. 1 Eye Irrit. 2 Flam. Liq. 2 Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 STOT RE 2 STOT SE 3		AQUATIC HAZARD ASPIRATION HAZA SERIOUS EYE DAN FLAMMABLE LIQUI FLAMMABLE LIQUI SKIN CORROSION SKIN SENSITIZATIO SPECIFIC TARGET EXPOSURE) - Cate	(LONG-TERM) - Category 2 (LONG-TERM) - Category 3 RD - Category 1 MAGE/ EYE IRRITATION - Category 2 DS - Category 2 DS - Category 3 /IRRITATION - Category 2 ON - Category 1 ORGAN TOXICITY (REPEATED
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Version Unique ID	: 1 :		

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

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Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 FRS-40 SEMI-GLOSS BASE BLUE SF7097

SECTION 16: Other information

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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