

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

SAFETY DATA SHEET

BASE COAT MONO F15 MATT BASE BLUE 294 C/5279

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

1.1	Product	identifier
_	-	

Product name SDS code : BASE COAT MONO F15 MATT BASE BLUE 294 C/5279 : 15725279B

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

Identified uses	
Paint. Professional use Industrial use	
Uses advised against	
All other uses	

Product use

: Solvent borne coating for exterior 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/P	oison Center
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 Sens. 1, H317 STOT SE 3, H336 Aquatic Chronic 3, H412

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

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

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

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SECTION 2: Hazards identification

2.2 Label elements		
Hazard pictograms		
Signal word	Warning	
Hazard statements	Flammable liquid and vapor. May cause an allergic skin reaction. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.	
Precautionary statements		
Prevention	Wear protective gloves. Keep away from heat, hot surfaces, sparks, ope and other ignition sources. No smoking. Avoid release to the environme breathing vapor.	
Response	IF INHALED: Call a POISON CENTER or doctor if you feel unwell. Take contaminated clothing and wash it before reuse. IF ON SKIN: Wash with water. If skin irritation or rash occurs: Get medical advice or attention.	
Storage	Store in a well-ventilated place. Keep container tightly closed. Keep coo	I.
Disposal	Dispose of contents and container in accordance with all local, regional, and international regulations.	national
Hazardous ingredients	n-butyl acetate Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and M 1,2,2,6,6-pentamethyl-4-piperidyl sebacate Hydroxyphenyl-benzotriazole derivatives Polymeric Benzotriazole methyl methacrylate	lethyl
Supplemental label elements	Repeated exposure may cause skin dryness or cracking. Warning! Hazardous respirable droplets may be formed when sprayed. I breathe spray or mist.	Do not
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	This mixture does not contain any substances that are assessed to be a vPvB.	PBT or a
Other hazards which do not result in classification	None known.	



SECTION 3: Composition/information on ingredients

3.2 Mixtures : M Product/ingredient name	lixture Identifiers	%	Regulation (EC) No.	Туре
			1272/2008 [CLP]	
n-butyl acetate	REACH #: 01-2119485493-29 EC: 204-658-1 CAS: 123-86-4 Index: 607-025-00-1	≥25 - ≤50	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	[1] [2]
Reaction mass of ethylbenzene and xylene	REACH #: 01-2119488216-32	<10	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412	[1] [2]
Reaction mass of Bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	REACH #: 01-2119491304-40 EC: 915-687-0 CAS: 1065336-91-5	≤1	Skin Sens. 1A, H317 Repr. 2, H361f Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
Hydroxyphenyl-benzotriazole derivatives	REACH #: 01-0000015075-76 EC: 400-830-7 CAS: 104810-48-2	<1	Skin Sens. 1, H317 Aquatic Chronic 2, H411	[1]
aromatic hydrocarbons, C9	REACH #: 01-2119455851-35 EC: 918-668-5 CAS: 128601-23-0	<1	Flam. Liq. 3, H226 STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066	[1]
Polymeric Benzotriazole	CAS: 104810-47-1	<1	Skin Sens. 1, H317 Aquatic Chronic 2, H411	[1]
methyl methacrylate	REACH #: 01-2119452498-28 EC: 201-297-1 CAS: 80-62-6 Index: 607-035-00-6	<1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335	[1] [2]
2-methoxy-1-methylethyl acetate	REACH #: 01-2119475791-29 EC: 203-603-9 CAS: 108-65-6	<1	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
cyclohexanone	REACH #: 01-2119453616-35 CAS: 108-94-1 Index: 606-010-00-7	≤0.3	Flam. Liq. 3, H226 Acute Tox. 4, H332	[1] [2]
Hydrocarbons, C11-C14, n- alkanes, isoalkanes, cyclics, <2% aromatics	REACH #: 01-2119456620-43 EC: 926-141-6	≤0.3	Asp. Tox. 1, H304 EUH066	[1]
			See Section 16 for the full text of the H statements declared above.	

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SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [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	:	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	:	Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

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

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular

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SECTION 4: First aid measures

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 Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate, Hydroxyphenyl-benzotriazole derivatives, Polymeric Benzotriazole, methyl methacrylate. May produce an allergic reaction.

Over-exposure signs/symptoms

Eye contact	: No specific data.
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 dryness cracking
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

: Use dry chemical, CO ₂ , water spray (fog) or foam.
: 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. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
 Hazardous combustion products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides

5.3 Advice for firefighters

SECTION 5: Firefighting measures			
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 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 fo	r containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other	: 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.

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



SECTION 7: Handling and storage

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. 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					
	Notification and MAPP threshold	Safety report threshold			
P5c	5000 tonne	50000 tonne			

7.3 Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

Occupational exposure limits

Product/ingredient name		Exposure limit values
n-butyl acetate Reaction mass of ethylbenzene and xylene		Ministry of Labor (France, 3/2020). Notes: Indicative limit values (circular) STEL: 940 mg/m ³ 15 minutes. Form: Risk for sensitisation STEL: 200 ppm 15 minutes. Form: Risk for sensitisation TWA: 710 mg/m ³ 8 hours. Form: Risk for sensitisation TWA: 150 ppm 8 hours. Form: Risk for sensitisation Ministry of Labor (France, 3/2020). Absorbed through skin. Notes: Binding regulatory limit values (article R. 4412-149 of the Labor Code) STEL: 442 mg/m ³ 15 minutes. Form: Risk for sensitisation STEL: 100 ppm 15 minutes. Form: Risk for sensitisation TWA: 221 mg/m ³ 8 hours. Form: Risk for sensitisation
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SECTION 8: Exposure controls/personal protection

	TWA: 50 ppm 8 hours. Form: Risk for sensitisation
	TWA. 50 ppm o hours. Form. Risk for sensitisation
methyl methacrylate	Ministry of Labor (France, 3/2020). Notes: Binding regulatory
	limit values (article R. 4412-149 of the Labor Code)
	STEL: 410 mg/m ³ 15 minutes. Form: Risk for sensitisation
	STEL: 100 ppm 15 minutes. Form: Risk for sensitisation
	TWA: 205 mg/m ³ 8 hours. Form: Risk for sensitisation
	TWA: 50 ppm 8 hours. Form: Risk for sensitisation
2-methoxy-1-methylethyl acetate	Ministry of Labor (France, 10/2016). Absorbed through skin.
	Notes: Labour Act , Art 4412-149 (Regulatory binding
	exposure limits)
	STEL: 550 mg/m ³ 15 minutes.
	STEL: 100 ppm 15 minutes.
	TWA: 275 mg/m³ 8 hours.
	TWA: 50 ppm 8 hours.
cyclohexanone	Ministry of Labor (France, 3/2020). Notes: Binding regulatory
	limit values (article R. 4412-149 of the Labor Code)
	STEL: 81.6 mg/m ³ 15 minutes. Form: Risk for sensitisation
	STEL: 20 ppm 15 minutes. Form: Risk for sensitisation
	TWA: 40.8 mg/m ³ 8 hours. Form: Risk for sensitisation
	TWA: 10 ppm 8 hours. Form: Risk for sensitisation
Recommended monitoring : If this pro	oduct contains ingredients with exposure limits, personal, workplace
	nere or biological monitoring may be required to determine the effectiveness
of the ve	entilation or other control measures and/or the necessity to use respiratory
	e equipment. Reference should be made to monitoring standards, such as
	wing: European Standard EN 689 (Workplace atmospheres - Guidance for
the asse	essment of exposure by inhalation to chemical agents for comparison with

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	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/ m ³	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/ m³	General population	Systemic
	DNEL	Short term Inhalation	960 mg/m³		Local
	DNEL	Short term Inhalation	960 mg/m³	Workers	Systemic
Reaction mass of ethylbenzene an	d DNEL	Long term Oral	1.6 mg/kg	General	Systemic
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xylene			bw/day	population	
-	DNEL	Long term	14.8 mg/m ³	General	Systemic
		Inhalation	-	population	
	DNEL	Long term	77 mg/m³	Workers	Systemic
		Inhalation			
	DNEL	Long term Dermal	108 mg/kg	General	Systemic
			bw/day	population	
	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/m ³	Workers	Systemic
methyl methacrylate	DNEL	Long term Dermal	8.2 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	13.67 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term	74.3 mg/m ³	General	Systemic
		Inhalation		population	
	DNEL	Long term	104 mg/m ³	General	Local
		Inhalation		population	
	DNEL	Long term	208 mg/m ³	Workers	Local
		Inhalation			
	DNEL	Long term	208 mg/m ³	Workers	Systemic
		Inhalation		a 1	
cyclohexanone	DNEL	Short term Dermal	1 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	1 mg/kg	General	Systemic
	DNE		bw/day	population	0
	DNEL	Short term Oral	1.5 mg/kg	General	Systemic
		Long torm Oral	bw/day	population	Customia
	DNEL	Long term Oral	1.5 mg/kg	General	Systemic
	DNEL	Short term Dermal	bw/day 4 mg/kg	population Workers	Systemic
		Long torm Dormal	bw/day		Customia
	DNEL	Long term Dermal	4 mg/kg bw/day	Workers	Systemic
	DNEL	Long term	10 mg/m³	General	Systemic
		Inhalation	$20 m c/m^3$	population	
	DNEL	Long term	20 mg/m³	General	Local
	DNEL	Inhalation	$20 m c/m^3$	population General	Systemia
	DINEL	Short term Inhalation	20 mg/m³	population	Systemic
	DNEL	Short term	40 mg/m³	General	Local
		Inhalation	-v mg/m	population	
	DNEL	Long term	40 mg/m³	Workers	Local
		Inhalation			
	DNEL	Long term	40 mg/m³	Workers	Systemic
		Inhalation	ro mg/m		
	DNEL	Short term	80 mg/m³	Workers	Local
		Inhalation	So mg/m		
	DNEL	Short term	80 mg/m³	Workers	Systemic
		Inhalation	20g/		

PNECs

No PNECs available.

8.2 Exposure controls



SECTION 8: Exposu		-	-	
Appropriate engineering controls	:	ventilation or other engin contaminants below any controls also need to ke	ventilation. Use process enclos neering controls to keep worker v recommended or statutory limit ep gas, vapor or dust concentra vplosion-proof ventilation equipm	exposure to airborne s. The engineering tions below any lower
Individual protection measured	ures			
Hygiene measures	:	before eating, smoking a Appropriate techniques Contaminated work clot	and face thoroughly after handlir and using the lavatory and at the should be used to remove poter hing should not be allowed out o efore reusing. Ensure that eyew e workstation location.	e end of the working period. tially contaminated clothing. f the workplace. Wash
Eye/face protection	:	assessment indicates the gases or dusts. If containing	ng with an approved standard sh nis is necessary to avoid exposur net is possible, the following prote indicates a higher degree of prot	re to liquid splashes, mists, ection should be worn,
Skin protection				
Hand protection	:	be worn at all times whe this is necessary. Cons check during use that the should be noted that the different for different glo	ervious gloves complying with an en handling chemical products if idering the parameters specified as gloves are still retaining their p time to breakthrough for any glove we manufacturers. In the case of protection time of the gloves ca	a risk assessment indicates by the glove manufacturer, protective properties. It ove material may be of mixtures, consisting of
		protection class of 6 (br recommended. Recom When only brief contact (breakthrough time >30 Recommended gloves:	uently repeated contact may occ eakthrough time >480 minutes a mended gloves: Viton \textcircled{B} or Nitrik is expected, a glove with protec minutes according to EN374) is Nitrile, thickness \ge 0.12 mm. ced regularly and if there is any s	ccording to EN374) is e, thickness ≥ 0.38 mm. tion class of 2 or higher recommended.
		The performance or effective chemical damage and p	ectiveness of the glove may be r boor maintenance.	educed by physical/
			at the final choice of type of glov ropriate and takes into account t user's risk assessment.	
Body protection	:	being performed and the before handling this pro- wear anti-static protective discharges, clothing sho	ipment for the body should be se e risks involved and should be a duct. When there is a risk of ign /e clothing. For the greatest pro buld include anti-static overalls, b 1149 for further information on r nethods.	pproved by a specialist ition from static electricity, tection from static poots and gloves. Refer to
Other skin protection	:	selected based on the ta	nd any additional skin protection ask being performed and the risk t 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 importan aspects of use. 		
Environmental exposure controls	:	ensure they comply with In some cases, fume so	on or work process equipment s the requirements of environme rubbers, filters or engineering m sary to reduce emissions to acc	ntal protection legislation. odifications to the process
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties **Appearance Physical state** : Liquid. Color : Blue. Odor : Characteristic. : Not available. Odor threshold pН : Not available. Melting point/freezing point : Not available. Initial boiling point and : Not available. boiling range Flash point : Closed cup: 27°C Evaporation rate : Not available. Flammability (solid, gas) : Not available. Upper/lower flammability or : Not available. explosive limits Vapor pressure : Not available. Vapor density : Highest known value: 4 (Air = 1) (n-butyl acetate). Weighted average: 3.97 (Air = 1)Density : 1.029 g/cm³ 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): 9.72 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				
methyl methacrylate	LC50 Inhalation Vapor	Mouse	18500 mg/m ³	2 hours
<i>y</i>	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
,	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	-

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	Eyes - Mild irritant	Rabbit	-	87 mg	-
ethylbenzene and xylene					
	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	-
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.	
Specific target organ toxicity (single exposure)			

Product/ingredient name	Category	Route of exposure	Target organs
n-butyl acetate	Category 3	-	Narcotic effects
Reaction mass of ethylbenzene and xylene	Category 3	-	Respiratory tract irritation
aromatic hydrocarbons, C9	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
methyl methacrylate	Category 3	-	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 aromatic hydrocarbons, C9 Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1

Information on the likely : Not available.

routes of exposure

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Potential acute health effects

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		unconsciousness		
		drowsiness/fatigue dizziness/vertigo		
		headache		
Inhalation	:	Adverse symptoms r nausea or vomiting	may include the following:	
Eye contact		No specific data.		
Symptoms related to the ph	ysi	cal, chemical and tox	<u>kicological characteristics</u>	
Ingestion	:	Can cause central no	ervous system (CNS) depression.	
		skin reaction.		
Skin contact	:	Defatting to the skin.	. May cause skin dryness and irritation.	May cause an allergic
Inhalation	:	Can cause central no dizziness.	ervous system (CNS) depression. May	cause drowsiness or
Eye contact	:	No known significant	t effects or critical hazards.	
Potential acute nealth enect	.5			

: No previous validation



SECTION 11: Toxico	ogical information
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: No specific data.
Delayed and immediate effect	s 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.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	<u>its</u>
Not available.	
Conclusion/Summary	: Not available.
General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.
Other information	

Other information

: Not available.

SECTION 12: Ecological information

12.1 Toxicity

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

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

Product/ingredient name	Result	Species	Exposure
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
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
	Acute LC50 130000 µg/l Fresh water	Fish - Pimephales promelas - Adult	96 hours
cyclohexanone	Acute EC50 32.9 mg/l Fresh water	Algae - Chlamydomonas	72 hours
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SECTION 12: Ecological information

	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

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
methyl methacrylate	1.38	-	low
2-methoxy-1-methylethyl acetate	1.2	-	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 com 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 no disposed of untreated to the sewer unless fully compliant with the requirement all authorities with jurisdiction.	on ot be
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 longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.	' no

European waste catalogue (EWC)

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

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SECTION 13: Disposal considerations

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/RID	IMDG	ΙΑΤΑ
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			
14.5 Environmental hazards	No.	No.	No.
Additional information	ation	l	
	· Viecoue liquid	ovention This class 3 viscou	is liquid is not subject to regulation in

ADR/RID	:	<u>Viscous liquid exception</u> This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.2.3.1.5.1. <u>Tunnel code</u> (D/E)
IMDG	:	Emergency schedules F-E, _S-E_ <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 according to IMO instruments	:	Not applicable.



SECTION 15: Regulatory information

5.1 Safety, health and enviro	nmental regulations/legislation specific for the sub	ostance or mixture
EU Regulation (EC) No. 1907	<u>/2006 (REACH)</u>	
Annex XIV - List of substar	ces subject to authorization	
Annex XIV		
None of the components ar	e listed.	
Substances of very high o	oncern	
None of the components ar		
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 app product label and/or technical data sheet for further	
VOC for Ready-for-Use Mixture	: Not applicable.	
Industrial emissions (integrated pollution prevention and control) -	: Not listed	
Air		
Air Industrial emissions (integrated pollution prevention and control) - Water	: Not listed	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance		
Air Industrial emissions (integrated pollution prevention and control) - Water		
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI	e <u>s (1005/2009/EU)</u>	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed.	e <u>s (1005/2009/EU)</u>	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI	e <u>s (1005/2009/EU)</u>	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI Not listed.	e <u>s (1005/2009/EU)</u> C) (649/2012/EU)	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI Not listed. Seveso Directive	e <u>s (1005/2009/EU)</u> C) (649/2012/EU)	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI Not listed. Seveso Directive This product is controlled und	e <u>s (1005/2009/EU)</u> C) (649/2012/EU)	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI Not listed. Seveso Directive This product is controlled und Danger criteria	e <u>s (1005/2009/EU)</u> C) (649/2012/EU)	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI Not listed. Seveso Directive This product is controlled und Danger criteria Category P5c	e <u>s (1005/2009/EU)</u> C) (649/2012/EU)	
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI Not listed. Seveso Directive This product is controlled und Danger criteria Category	e <u>s (1005/2009/EU)</u> C) (649/2012/EU)	other health and safety
Air Industrial emissions (integrated pollution prevention and control) - Water Ozone depleting substance Not listed. Prior Informed Consent (PI Not listed. Seveso Directive This product is controlled und Danger criteria Category P5c National regulations	 <u>es (1005/2009/EU)</u> <u>C) (649/2012/EU)</u> ler the Seveso Directive. The information contained in this safety data sheet of own assessment of workplace risks, as required by legislation. The provisions of the national health and 	other health and safety

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.



SECTION 15: Regulatory information

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Europe : Not determined.

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

Assessment

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	 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
Skin Sens. 1, H317	Calculation method
STOT SE 3, H336	Calculation method
Aquatic Chronic 3, H412	Calculation method

Full text of abbreviated H statements

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.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated
	exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
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.

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SECTION 16: Other information

Full text of classifications	[CLP/GHS]	
Acute Tox. 4		ACUTE TOXICITY - Category 4
Aquatic Acute 1		AQUATIC HAZARD (ACUTE) - Category 1
Aquatic Chronic 1		AQUATIC HAZARD (LONG-TERM) - Category 1
Aquatic Chronic 2		AQUATIC HAZARD (LONG-TERM) - Category 2
Aquatic Chronic 3		AQUATIC HAZARD (LONG-TERM) - Category 3
Asp. Tox. 1		ASPIRATION HAZARD - Category 1
Eye Irrit. 2		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 2		FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3		FLAMMABLE LIQUIDS - Category 3
Repr. 2		TOXIC TO REPRODUCTION - Category 2
Skin Irrit. 2		SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1		SKIN SENSITIZATION - Category 1
Skin Sens. 1A		SKIN SENSITIZATION - Category 1A
STOT RE 2		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) - Category 2
STOT SE 3		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -
		Category 3
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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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