

## SAFETY DATA SHEET Permabond ET536B

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Product name	Permabond ET536B
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Identified uses	Two-component, epoxy-based adhesive.
1.3. Details of the supplier of t	the safety data sheet
Supplier	Permabond Engineering Adhesives GmbH Niederkasseler Lohweg 18 40547 Düsseldorf Germany info.europe@permabond.com
Manufacturer	Permabond Engineering Adhesives Ltd. Wessex Way Colden Common Winchester Hampshire SO21 1WP United Kingdom Tel: +44 (0)1962 711 661 Fax: +44 (0)1962 711 662 info@permabond.co.uk
1.4. Emergency telephone nu	mber
Emergency telephone	CHEMTREC UK: +(44)-870-8200418 CHEMTREC US: 800-424-9300 (CCN: 829878)
	CHEMTREC UK: +(44)-870-8200418 CHEMTREC US: 800-424-9300 (CCN: 829878) e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034
National emergency telephone	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034
National emergency telephone number	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034
National emergency telephone number SECTION 2: Hazards identific	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034 ation tance or mixture <u>0)</u>
National emergency telephone number SECTION 2: Hazards identific 2.1. Classification of the subst	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034 cation
National emergency telephone number SECTION 2: Hazards identific 2.1. Classification of the subst Classification (SI 2019 No. 72	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034 ation tance or mixture <u>0)</u>
National emergency telephone number SECTION 2: Hazards identific 2.1. Classification of the subst Classification (SI 2019 No. 72 Physical hazards	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034 ation tance or mixture 0) Not Classified
National emergency telephone number SECTION 2: Hazards identific 2.1. Classification of the subst Classification (SI 2019 No. 72 Physical hazards Health hazards	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034 ation tance or mixture 0) Not Classified Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317
National emergency telephone number SECTION 2: Hazards identified 2.1. Classification of the subst Classification (SI 2019 No. 72 Physical hazards Health hazards Environmental hazards	e CHEMTREC Ireland: +(353)-19014670 CHEMTREC Australia: +(61)-290372994 CHEMTREC New Zealand: +(64)-98010034 ation tance or mixture 0) Not Classified Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352a IF ON SKIN: Wash with plenty of soap and water P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P273 Avoid release to the environment.
Contains	POLYAMINOAMIDE, MERCAPTAN-TERMINATED OLIGOMER
Supplementary precautionary statements	<ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P501 Dispose of contents/container in accordance with existing Community, National and local regulations.</li> </ul>

#### 2.3. Other hazards

None under normal conditions. This substance is not classified as PBT or vPvB according to current UK criteria.

SECTION 3: Composition/information on ingredients		
3.2. Mixtures		
POLYAMINOAMIDE		30-60%
		00-00 //
CAS number: 68082-29-1	EC number: 500-191-5	
Classification		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Chronic 2 - H411		
	001/50	40.00%
MERCAPTAN-TERMINATED OLI		10-30%
CAS number: 72244-98-5	EC number: 701-196-7	
Classification		
Skin Sens. 1B - H317		
Aquatic Chronic 3 - H412		
TRIS-2,4,6-(DIMETHYLAMINOME	ETHYL)PHENOL	1-5%
CAS number: 90-72-2	EC number: 202-013-9	
Classification		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
The full text for all hazard statemer	ts is displayed in Section 16	

#### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Get medical attention if any discomfort continues.	
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give plenty of water to drink. DO NOT induce vomiting. Get medical attention immediately.	
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. If symptoms develop, obtain medical attention	
Eye contact	Remove any contact lenses and open eyelids wide apart. Get medical attention.	
4.2. Most important symptoms	and effects, both acute and delayed	
Ingestion	May cause chemical burns in mouth and throat.	
Skin contact	Chemical burns. Mild dermatitis, allergic skin rash.	
Eye contact	May cause serious eye damage.	
4.3. Indication of any immedia	te medical attention and special treatment needed	
Notes for the doctor	No specific recommendations. Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1. Extinguishing media		
Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising fro	om the substance or mixture	
Specific hazards	No unusual fire or explosion hazards noted.	
Hazardous combustion products	Burning produces irritating, toxic and obnoxious fumes. Nitrous gases (NOx). Carbon monoxide, carbon dioxide, and unknown hydrocarbons.	
5.3. Advice for firefighters		
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	
SECTION 6: Accidental release	e measures	
6.1. Personal precautions, protective equipment and emergency procedures		
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.	
6.2. Environmental precautions		
Environmental precautions	Do not discharge into drains or watercourses or onto the ground.	
6.3. Methods and material for	containment and cleaning up	
Methods for cleaning up	Absorb spillage with sand or other inert absorbent. Transfer to suitable, labelled containers for disposal. Wash area with soap and water.	
6.4. Reference to other section		
Reference to other sections	For personal protection, see Section 8. For waste disposal, see section 13.	
SECTION 7: Handling and sto	rage	
7.1. Precautions for safe hand	ling	
Usage precautions	Avoid contact with skin and eyes. Do not ingest or inhale. Do not eat, drink or smoke when using this product.	

7.2. Conditions for safe store	age, including any incompatibilities
Storage precautions	Store in closed original container at temperatures between 5°C and 25°C.
Storage class	Corrosive storage.
7.3. Specific end use(s)	
Specific end use(s)	Adhesive. Sealant.
SECTION 8: Exposure contr	rols/Personal protection
8.1. Control parameters	
	POLYAMINOAMIDE (CAS: 68082-29-1)
DNEL	Workers - Inhalation; Long term systemic effects: 3.9 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 1.1 mg/kg/day
PNEC	Fresh water; 0.004 mg/l
	marine water; 0 mg/l
	STP; 3.84 mg/l
	Sediment (Freshwater); 434.02 mg/kg
	Sediment (Marinewater); 43.4 mg/kg
	MERCAPTAN-TERMINATED OLIGOMER (CAS: 72244-98-5)
DMEL	Workers - Inhalation; Long term systemic effects: 22 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 2.7 mg/kg/day
PNEC	Fresh water; 70 μg/l
	marine water; 7 μg/l
	STP; 10 mg/l
	Sediment (Freshwater); 322 µg/kg, dw
	Sediment (Marinewater); 32 µg/kg, dw
	Soil; 23 µg/kg, dw
	TRIS-2,4,6-(DIMETHYLAMINOMETHYL)PHENOL (CAS: 90-72-2)
	Fresh water: 0.084 mg/
PNEC	Fresh water; 0.084 mg/l marine water; 0.008 mg/l
	STP; 0.2 mg/l
8.2. Exposure controls	
Protective equipment	

Appropriate engineering controls

Eye/face protection

Provide adequate general and local exhaust ventilation.

The following protection should be worn: Chemical splash goggles or face shield. Personal eye protection should conform to EN 166

Hand protection	It is recommended that chemical-resistant, impervious gloves are worn. Gloves should conform to EN 374. For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber. Thickness: $\geq 0.4$ mm The selected gloves should have a breakthrough time of at least 0.5 hours. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. Thickness: $\geq 0.4$ mm The selected gloves should have a breakthrough time of at least 0.5 hours. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. Thickness: $\geq 0.4$ mm The selected gloves should have a breakthrough time of at least 8 hours. The breakthrough time for any glove material may be different for different glove manufacturers. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.
Other skin and body protection	Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance.
Hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Use of good industrial hygiene practices is required.
Respiratory protection	Ensure adequate ventilation of the working area. Respiratory protection may be required if excessive airborne contamination occurs. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Organic vapour filter. Type A. (EN14387)

#### SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

bearance	Paste.
our	Black.
ur	Amine.
ur threshold	Not determined.
	Not determined.
g point	Not determined.
l boiling point and range	Not determined.
h point	>100°C
oration rate	Not available.
er/lower flammability or osive limits	Not available.
our pressure	Not determined.
our density	Not determined.
ative density	1.2
ıbility(ies)	Slightly soluble in water. Soluble in the following materials: Organic solve
tition coefficient	Not available.
o-ignition temperature	Not determined.
composition Temperature	Not determined.
	≈300000 mPa s @ 23°C Thixotropic

Explosive properties	Not determined.
Oxidising properties	Not applicable.
9.2. Other information	
Other information	Not relevant.
SECTION 10: Stability and read	activity
10.1. Reactivity	
Reactivity	Under normal conditions of storage and use, no hazardous reactions will occur.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	Reactions with the following materials may generate heat: Epoxy resin
10.4. Conditions to avoid	
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
10.5. Incompatible materials	
Materials to avoid	Avoid contact with the following materials: Acids. Oxidising agents.
10.6. Hazardous decomposition	on products
Hazardous decomposition products	Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.
	organic compounds.
products	organic compounds.
products SECTION 11: Toxicological in	organic compounds.
products SECTION 11: Toxicological in 11.1. Information on toxicolog Toxicological effects Skin sensitisation	organic compounds. formation ical effects The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.
products SECTION 11: Toxicological in 11.1. Information on toxicolog Toxicological effects	organic compounds.         formation         ical effects         The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the
products SECTION 11: Toxicological in 11.1. Information on toxicolog Toxicological effects Skin sensitisation	organic compounds. formation ical effects The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.
products SECTION 11: Toxicological in <u>11.1. Information on toxicolog</u> Toxicological effects <u>Skin sensitisation</u> Skin sensitisation <u>Aspiration hazard</u>	organic compounds. formation ical effects The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following. May cause sensitisation by skin contact.
products          SECTION 11: Toxicological in         11.1. Information on toxicolog         Toxicological effects         Skin sensitisation         Skin sensitisation         Aspiration hazard         Aspiration hazard	organic compounds. formation ical effects The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following. May cause sensitisation by skin contact. None under normal conditions. In high concentrations, vapours may irritate throat and respiratory system and cause
products SECTION 11: Toxicological in 11.1. Information on toxicolog Toxicological effects Skin sensitisation Skin sensitisation Aspiration hazard Aspiration hazard Inhalation	organic compounds. formation ical effects The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following. May cause sensitisation by skin contact. None under normal conditions. In high concentrations, vapours may irritate throat and respiratory system and cause coughing. Causes burns. May cause chemical burns in mouth and throat. May cause stomach pain or
products          SECTION 11: Toxicological in         11.1. Information on toxicolog         Toxicological effects         Skin sensitisation         Skin sensitisation         Aspiration hazard         Aspiration hazard         Inhalation         Ingestion	organic compounds. formation ical effects The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following. May cause sensitisation by skin contact. None under normal conditions. In high concentrations, vapours may irritate throat and respiratory system and cause coughing. Causes burns. May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

POLYAMINOAMIDE

#### Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	2,000.1
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD₅₀ mg/kg)	2,000.1
Species	Rat
Skin corrosion/irritation	
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	on
Serious eye damage/irritation	Irritating to eyes.
Respiratory sensitisation	
Respiratory sensitisation	No information available.
Skin sensitisation	
Skin sensitisation	Sensitising.
Germ cell mutagenicity	
Genotoxicity - in vitro	No information available.
Carcinogenicity	
Carcinogenicity	No specific test data are available.
Reproductive toxicity	
Reproductive toxicity - fertility	Screening - NOAEL 1000 mg/kg/day, Oral, Rat
Specific target organ toxicit	y - single exposure
STOT - single exposure	No information available.
Specific target organ toxicit	y - repeated exposure
STOT - repeated exposure	No information available.
Aspiration hazard	
Aspiration hazard	Not available.
	MERCAPTAN-TERMINATED OLIGOMER
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	2,600.0
Species	Rat
Acute toxicity - dermal	
Acute toxicity dermal (LD₅₀ mg/kg)	10,200.0
Species	Rabbit

Skin corrosion/irritation		
Animal data	Method: OECD 404, Rabbit Not irritating.	
Serious eye damage/irritati	ion	
Serious eye damage/irritation	Method: OECD 405, Rabbit Not irritating.	
Skin sensitisation		
Skin sensitisation	Local Lymph Node Assay (LLNA) - Mouse: Sensitising.	
Germ cell mutagenicity		
Genotoxicity - in vitro	Gene mutation: Negative.	
Carcinogenicity		
Carcinogenicity	No information available.	
Reproductive toxicity		
Reproductive toxicity - fertility	No information available.	
Specific target organ toxici	ty - single exposure	
STOT - single exposure	No information available.	
Specific target organ toxici	ty - repeated exposure	
STOT - repeated exposure	No information available.	
Aspiration hazard		
Aspiration hazard	No information available.	
	TRIS-2,4,6-(DIMETHYLAMINOMETHYL)PHENOL	
Acute toxicity - oral		
Acute toxicity oral (LD₅₀ mg/kg)	2,169.0	
Species	Rat	
Acute toxicity - inhalation		
Notes (inhalation LC₅₀)	No information available.	
Skin corrosion/irritation		
Skin corrosion/irritation	Method: OECD 404, Rabbit Corrosive	
Serious eye damage/irritation		
Serious eye damage/irritation	Rabbit Causes serious eye irritation.	
Skin sensitisation		
Skin sensitisation	Guinea pig maximization test (GPMT) - Guinea pig: Mild dermatitis, allergic skin rash.	
Germ cell mutagenicity		
Genotoxicity - in vitro	Gene mutation: Negative.	
Genotoxicity - in vivo	No information available.	

Carcinogenicity			
Carcinogenicity	No information available.		
Reproductive toxicity			
Reproductive toxicity - fertility	Screening - NOAEL 15 mg/kg/day, Oral, Rat F1		
Reproductive toxicity - development	Developmental toxicity: - NOAEL: >150 mg/kg/day, Oral, Rat		
Specific target organ toxicit	Specific target organ toxicity - single exposure		
STOT - single exposure	No information available.		
Specific target organ toxicit	y - repeated exposure		
STOT - repeated exposure	No information available.		
Aspiration hazard			
Aspiration hazard	No information available.		
12: Ecological information			

Ecotoxicity

SECTION 1

Toxic to aquatic life with long lasting effects.

#### 12.1. Toxicity

Toxicity

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

#### Ecological information on ingredients.

#### POLYAMINOAMIDE

Acute aquatic toxicity	
Acute toxicity - fish	LC₅₀, 96 hours: 7.07 mg/l, Danio rerio (Zebrafish)
Acute toxicity - aquatic invertebrates	EC₅₀, 24 hours: 9.72 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC₅₀, 72 hours: 4.34 mg/l, Pseudokirchneriella subcapitata
Acute toxicity - microorganisms	EC₅o, 3 hours: 384 mg/l, Activated sludge
	MERCAPTAN-TERMINATED OLIGOMER
Acute aquatic toxicity	

Acute toxicity - fish	LC₅₀, 96 hours: 87 mg/l, Danio rerio (Zebrafish)
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 12 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC₅₀, 72 hours: >733 mg/l, Desmodesmus subspicatus
Acute toxicity - microorganisms	EC₅₀, 3 hours: > 1000 mg/l, Activated sludge

Cł	hronic aquatic toxici	tv	
	hronic toxicity - aqua	<u> </u>	
inv	vertebrates		
		TRIS-2,4,6-(DIMETHYLAMINOMETHYL)PHENOL	
<u>Ac</u>	cute aquatic toxicity		
Ac	cute toxicity - fish	LC₅₀, 96 hours: 175 mg/l, Cyprinus carpio (Common carp)	
	cute toxicity - aquation vertebrates	c LC₅₀, 96 hours: 718 mg/l, Palaemonetes vulgaris	
	cute toxicity - aquation ants	c EC₅₀, 72 hours: 84 mg/l, Scenedesmus subspicatus	
	cute toxicity - icroorganisms	NOEC, 28 days: 2 mg/l, Activated sludge	
12.2. Persisten	ce and degradability	<u>,</u>	
Persistence and	d degradability The	ere are no data on the degradability of this product.	
12.3. Bioaccum	nulative potential		
Bioaccumulative	ulative potential No data available on bioaccumulation.		
Partition coeffic	cient Not	available.	
12.4. Mobility in	n soil		
Mobility	No	No data available.	
12.5. Results of	f PBT and vPvB ass	essment	
Results of PBT assessment	and vPvB Thi	This substance is not classified as PBT or vPvB according to current UK criteria.	
12.6. Other adv	verse effects		
Other adverse e	effects No	ne known.	
SECTION 13: D	Disposal consideration	ons	
13.1. Waste tre	atment methods		
General informa	reg	Waste disposal should be in accordance with existing Community, National and local regulations Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.	
Disposal metho		not empty into drains, dispose of this material and its container at hazardous or special ste collection point.	
Waste class		04 09* waste adhesives and sealants containing organic solvents or other dangerous ostances.	
SECTION 14: Transport information			
Road transport	notes App	olies only to inner containers >5 litres. See SP 375	
Sea transport n	notes App	olies only to inner containers >5 litres. See 2.10.2.7 of the IMDG code.	
Air transport no	otes App	olies only to inner containers >5 litres. See SP A197 (375)	
14.1. UN numb	er		

3082

#### 14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dimer Fatty Acid (C18) Polyaminoamide resin)

#### 14.3. Transport hazard class(es)

9

#### Transport labels

14.4. Packing group

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#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

#### 14.6. Special precautions for user

EmS

F-A, S-F

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

#### SECTION 15: Regulatory information

# 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation	COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Guidance	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information				

## **Revision date** 28/06/2022

Revision

Supersedes date	27/07/2021
Hazard statements in full	H302 Harmful if swallowed.
	H315 Causes skin irritation.
	H317 May cause an allergic skin reaction.
	H318 Causes serious eye damage.
	H319 Causes serious eye irritation.
	H411 Toxic to aquatic life with long lasting effects.
	H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.