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

1.1 Product identifier

Trade name : Sikalastic[®] Rapid Clear Sealer

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

Product use : Sealing system

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Limited Watchmead Welwyn Garden City
		Hertfordshire. AL7 1BQ
Telephone	:	+44 (0)1707 394444
Telefax	:	+44 (0)1707 329129
E-mail address of person responsible for the SDS		EHS@uk.sika.com

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Danger

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Hazard statements :	H225 H315 H317 H335	Highly flammable liquid and vap Causes skin irritation. May cause an allergic skin read May cause respiratory irritation	ction.
Precautionary statements :	Prevention: P210 P233 P261 P264 P280	Keep away from heat, hot surfa open flames and other ignition smoking. Keep container tightly closed. Avoid breathing dust/ fume/ gas pours/ spray. Wash skin thoroughly after han Wear protective gloves/ protect eye protection/ face protection.	sources. No s/ mist/ va- dling. tive clothing/
	Response: P370 + P378	In case of fire: Use dry sand, dr alcohol-resistant foam to exting	

Hazardous components which must be listed on the label:

methyl methacrylate 2-ethylhexyl acrylate

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
methyl methacrylate	80-62-6	Flam. Liq. 2; H225	>= 40 - < 60
	201-297-1	Skin Irrit. 2; H315	
	01-2119452498-28-	Skin Sens. 1; H317	
	XXXX	STOT SE 3; H335	
		(Respiratory system)	



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2-ethylhexyl acrylate	103-11-7 203-080-7 01-2119453158-37- XXXX	Skin Irrit. 2; H315 Skin Sens. 1B; H317 STOT SE 3; H335 (Respiratory system) Aquatic Chronic 3; H412	>= 10 - < 20	
1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3 254-075-1 01-2119980937-17- XXXX	Acute Tox. 2; H300 Eye Irrit. 2; H319 Aquatic Chronic 3; H412 Acute toxicity esti- mate	>= 0,25 - < 1	

Acute oral toxicity: 25

mg/kg

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	 Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	 Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2 Most important sympton	is and effects, both acute and delayed
Symptoms	: Cough Respiratory disorder Allergic reactions Erythema Dermatitis See Section 11 for more detailed information on health effects



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		and symptoms.	
Risks	:	irritant effects sensitising effects	
		Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation.	
4.3 Indication of any immediate	meo :	dical attention and special treatment needed Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical	
Unsuitable extinguishing media	:	Water High volume water jet	
5.2 Special hazards arising from	the	e substance or mixture	
Specific hazards during fire- fighting	:	Do not use a solid water stream as it may scat fire.	ter and spread
Hazardous combustion prod- ucts	:	No hazardous combustion products are known	I
5.3 Advice for firefighters			
Special protective equipment	:	In the event of fire, wear self-contained breathing	ng apparatus.
for firefighters			

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions		Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.
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6.2 Environmental precautions		
Environmental precautions :	Prevent product from entering drains. If the product contaminates rivers and lakes or respective authorities.	or drains inform
6.3 Methods and material for conta	inment and cleaning up	
Methods for cleaning up :	Contain spillage, and then collect with non-co sorbent material, (e.g. sand, earth, diatomace miculite) and place in container for disposal a / national regulations (see section 13).	eous earth, ver-

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling :	Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asth- ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the ap- plication area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
Advice on protection against : fire and explosion	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
Hygiene measures :	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2 Conditions for safe storage, incl	uding any incompatibilities
Requirements for storage : areas and containers	Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store



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		in accordance with local regulations.	
Further information on stor- age stability	:	No decomposition if stored and applied as directed	ed.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
methyl methacrylate	80-62-6	TWA	50 ppm	2009/161/EU
	Further infor	mation: Indicative		
		STEL	100 ppm	2009/161/EU
		STEL	100 ppm 416 mg/m3	GB EH40
		TWA	50 ppm 208 mg/m3	GB EH40

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Personal protective equipment

Eye/face protection	: Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	: Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	: Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection	: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. organic vapor filter (Type A)



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	A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.	
Environmental exposure control	ols	
General advice :	Prevent product from entering drains. If the product contaminates rivers and lakes or respective authorities.	drains inform

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid blue
Odour	:	ester-like
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or (exp	losive limits
Upper/lower flammability or of Upper explosion limit / Upper explosion limit / Upper flammability limit	-	
Upper explosion limit / Up-	-	No data available
Upper explosion limit / Upper flammability limit	:	No data available No data available
Upper explosion limit / Up- per flammability limit Lower explosion limit / Lower flammability limit	:	No data available No data available ca. 13 °C



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рН	:	Not applicable	
Viscosity Viscosity, kinematic	:	> 7 mm2/s (40 °C)	
Solubility(ies) Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	40 hPa	
Density	:	ca. 0,97 g/cm3 (20 °C)	
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions Hazardous reactions : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid	:	Heat, flames and sparks.
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10.5 Incompatible materials

Materials to avoid	: No data available
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10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Components:

methyl methacrylate:

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 29,8 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg
2-ethylhexyl acrylate: Acute oral toxicity	:	LD50 Oral (Rat): 4.435 mg/kg
1,1'-(p-tolylimino)dipropan-2	2-ol	:
Acute oral toxicity	:	LD50 Oral (Rat): 25 mg/kg
		Acute toxicity estimate: 25 mg/kg Method: Calculation method
Skin corrosion/irritation Causes skin irritation.		

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.



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Carcinogenicity	41	
Not classified based on available inform	hation.	
Reproductive toxicity		

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

Components:

methyl methacrylate:

Toxicity to fish	:	NOEC (Danio rerio (zebra fish)): 9,4 mg/l
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 69 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
		NOEC : 37 mg/l Exposure time: 21 d Method: OECD Test Guideline 202
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC: 37 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)
2-ethylhexyl acrylate:		
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 1,81 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 1,3 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Desmodesmus subspicatus (green algae)): 1,71 mg/l Exposure time: 72 h



Date of last issue: 27.09.2022 Version 4.2 Revision Date: 28.11.2023 12.2 Persistence and degradability No data available 12.3 Bioaccumulative potential No data available 12.4 Mobility in soil No data available 12.5 Results of PBT and vPvB assessment Product: Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.. 12.6 Endocrine disrupting properties No data available 12.7 Other adverse effects Product: Additional ecological infor-: There is no data available for this product. mation **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Product The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe wav. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

14.1 UN number or ID number

UN 1263

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IMDG	:	UN 1263	
ΙΑΤΑ	:	UN 1263	
14.2 UN proper shipping name			
ADR	:	PAINT RELATED MATERIAL	
IMDG	:	PAINT RELATED MATERIAL	
ΙΑΤΑ	:	Paint related material	
14.3 Transport hazard class(es)			
		Class Subsidiary risks	
ADR	:	3	
IMDG	:	3	
ΙΑΤΑ	:	3	
14.4 Packing group			
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code Remarks IMDG Packing group Labels EmS Code Remarks		III F1 30 3 (D/E) Special Provision 640H, Transport accord (LQ) possible, Exempted according to 2.2 stance exemption) III 3 F-E, <u>S-E</u> Special Provision 640H, Transport accord (LQ) possible, Transport in accordance w IMDG-Code	2.3.1.5 (Viscous sub-
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels IATA (Passenger)	: : :	366 Y344 III Flammable Liquids	
Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	: : :	355 Y344 III Flammable Liquids	



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14.5 Environmental hazards

ADR Environmentally hazardous	:	no
IMDG Marine pollutant	:	no
IATA (Passenger) Environmentally hazardous	:	no
IATA (Cargo) Environmentally hazardous	:	no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

	UK REACH Candidate list of subs concern (SVHC) for Authorisation	:	Not applicable	
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Brit- ain)			:	Not applicable
	International Chemical Weapons (Schedules of Toxic Chemicals and	:	Not applicable	
	Regulation (EC) No 1005/2009 on plete the ozone layer	:	Not applicable	
UK REACH List of substances subject to authorisation : (Annex XIV)				Not applicable
	Volatile organic compounds : Law on the incentive tax for volatile organic compound (VOCV) Volatile organic compounds (VOC) content: < 0% w/w no VOC duties			
วเ	Intry GB 100000011486			



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Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: < 0% w/w, 0,06 g/l VOC content excluding water

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environ-	: Environmental Protection Act 1990 & Subsidiary Regulations
mental regulation/legislation	Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or	Control of Substances Hazardous to Health Regulations
mixture:	(COSHH)
	May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

H225 H300 H315 H317 H319 H335 H412		Highly flammable liquid and vapour. Fatal if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.
Full text of other abbreviation	ons	
Acute Tox. Aquatic Chronic Eye Irrit. Flam. Liq. Skin Irrit. Skin Sens. STOT SE 2009/161/EU		Acute toxicity Long-term (chronic) aquatic hazard Eye irritation Flammable liquids Skin irritation Skin sensitisation Specific target organ toxicity - single exposure Europe. COMMISSION DIRECTIVE 2009/161/EU establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
GB EH40 2009/161/EU / TWA 2009/161/EU / STEL GB EH40 / TWA GB EH40 / STEL	:	UK. EH40 WEL - Workplace Exposure Limits Limit Value - eight hours Short term exposure limit Long-term exposure limit (8-hour TWA reference period) Short-term exposure limit (15-minute reference period)
	H300 H315 H317 H319 H335 H412 Full text of other abbreviatio Acute Tox. Aquatic Chronic Eye Irrit. Flam. Liq. Skin Irrit. Skin Sens. STOT SE 2009/161/EU GB EH40 2009/161/EU / TWA 2009/161/EU / STEL GB EH40 / TWA	H300 : H315 : H317 : H319 : H325 : H412 : Full text of other abbreviations Acute Tox. : Aquatic Chronic : Eye Irrit. : Flam. Liq. : Skin Irrit. : Skin Sens. : STOT SE : 2009/161/EU / TWA : 2009/161/EU / STEL : GB EH40 / TWA ::

Full text of H-Statements



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ADR	:	: European Agreement concerning the International Carriage of Dangerous Goods by Road		
CAS	:	Chemical Abstracts Servic		
DNEL	:	Derived no-effect level		
EC50	:	Half maximal effective con	centration	
GHS	:	Globally Harmonized Syste		
IATA	:	International Air Transport		
IMDG	:	International Maritime Cod		
LD50	:	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)		
LC50	:	 Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period) International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978 		
MARPOL	:			
OEL	:	Occupational Exposure Lir		
PBT	:	: Persistent, bioaccumulative and toxic		
PNEC	:	: Predicted no effect concentration		
REACH	:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency		
SVHC	:	Substances of Very High C	Concern	
vPvB	:	Very persistent and very b	ioaccumulative	
Further information				
Classification of the mixtur	e:	С	lassification proced	ure:
Flam. Liq. 2	H2	25 B	ased on product data	or assessment
Skin Irrit. 2	H3	15 C	alculation method	

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Calculation method

Calculation method

Changes as compared to previous version !

H317

H335

GB / EN

Skin Sens. 1

STOT SE 3