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

#### 1.1 Product identifier

Trade name : Sikafloor®-11 Pronto

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

Product use : Acrylate coating, Product is not intended for consumer use

#### 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	:	EHS@uk.sika.com
responsible for the SDS		

#### **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 vapo Causes skin irritation. May cause an allergic skin react May cause respiratory irritation.	
Precautionary statements :	Prevention: P210 P233 P261 P264 P280	Keep away from heat, hot surfact open flames and other ignition so smoking. Keep container tightly closed. Avoid breathing mist or vapours. Wash skin thoroughly after hand Wear protective gloves/ protective eye protection/ face protection.	ources. No ling.
	<b>Response:</b> P370 + P378	In case of fire: Use dry sand, dry alcohol-resistant foam to extingu	

#### Hazardous components which must be listed on the label:

methyl methacrylate tetramethylene dimethacrylate 2-(N-methyl-p-toluidino)ethanol

### 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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

Componento			-
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
methyl methacrylate	80-62-6	Flam. Liq. 2; H225	>=80
	201-297-1	Skin Irrit. 2; H315	
	01-2119452498-28-	Skin Sens. 1; H317	
	XXXX	STOT SE 3; H335	
		(Respiratory system)	
tetramethylene dimethacrylate	2082-81-7	Skin Sens. 1B; H317	>= 2,5 - < 5
	218-218-1		
	01-2119967415-30-		
	XXXX		
2-(N-methyl-p-toluidino)ethanol	2842-44-6	Eye Irrit. 2; H319	>= 0,25 - < 1
	220-638-5	Skin Sens. 1; H317	
	01-2120827830-56-	Aquatic Chronic 2;	
	XXXX	H411	

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 symptoms and effects, both acute and delayed



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Symptoms	:	Cough Respiratory disorder Allergic reactions Erythema Dermatitis See Section 11 for more detailed information of and symptoms.	n health effects
Risks	:	irritant effects sensitising effects	
		Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation.	
<b>1.3 Indication of any immediate r</b> Treatment	neo :	<b>dical attention and special treatment needed</b> Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
SECTION 5: Firefighting meas	sur	es	
SECTION 5: Firefighting meas 5.1 Extinguishing media Suitable extinguishing media			
5.1 Extinguishing media		Alcohol-resistant foam Carbon dioxide (CO2)	
<b>5.1 Extinguishing media</b> Suitable extinguishing media Unsuitable extinguishing	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water High volume water jet	
<ul> <li>5.1 Extinguishing media         <ul> <li>Suitable extinguishing media</li> <li>Unsuitable extinguishing media</li> </ul> </li> <li>5.2 Special hazards arising from</li> </ul>	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water High volume water jet	er and spread
<ul> <li>5.1 Extinguishing media Suitable extinguishing media</li> <li>Unsuitable extinguishing media</li> <li>5.2 Special hazards arising from Specific hazards during fire-</li> </ul>	: : the	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water High volume water jet <b>e substance or mixture</b> Do not use a solid water stream as it may scatt	er and spread
<ul> <li>5.1 Extinguishing media Suitable extinguishing media</li> <li>Unsuitable extinguishing media</li> <li>5.2 Special hazards arising from Specific hazards during fire- fighting Hazardous combustion prod-</li> </ul>	: : the	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water High volume water jet <b>e substance or mixture</b> Do not use a solid water stream as it may scatt fire. Carbon dioxide (CO2)	
<ul> <li>5.1 Extinguishing media Suitable extinguishing media</li> <li>Unsuitable extinguishing media</li> <li>5.2 Special hazards arising from Specific hazards during fire- fighting Hazardous combustion prod-</li> </ul>	: : the	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water High volume water jet <b>e substance or mixture</b> Do not use a solid water stream as it may scatt fire. Carbon dioxide (CO2) Carbon monoxide	
<ul> <li>5.1 Extinguishing media Suitable extinguishing media</li> <li>Unsuitable extinguishing media</li> <li>5.2 Special hazards arising from Specific hazards during fire-fighting</li> <li>Hazardous combustion products</li> </ul>	: : :	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water High volume water jet <b>e substance or mixture</b> Do not use a solid water stream as it may scatt fire. Carbon dioxide (CO2) Carbon monoxide	



SECTION 6: Accidental release mea	asures	
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#### 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.

#### 6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains.
		If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab-
		sorbent material, (e.g. sand, earth, diatomaceous earth, ver-
		miculite) and place in container for disposal according to local
		/ national regulations (see section 13).

### 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

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			<ul> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Take precautionary measures against static discharge.</li> <li>Open drum carefully as content may be under pressure.</li> </ul>
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Advice on protection against : Use explosion-proof equipment. Keep away from heat/ sparks/



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fire and explosion	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, inc	luding any incompatibilities		
Requirements for storage : areas and containers	<ul> <li>Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Stor in accordance with local regulations. Store between 5 and 2 °C in a dry, well ventilated place away from sources of heat ignition and direct sunlight.</li> </ul>		
	Store in cool place. Containers which are opener carefully resealed and kept upright to prevent le in accordance with local regulations.		
Further information on stor- : age stability	No decomposition if stored and applied as direc	:ted.	
7.3 Specific end use(s)			
Specific use(s) :	Consult most current local Product Data Sheet use.	prior to any	

## **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

#### Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment



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Eye/face protection	:	Safety glasses with side-shields conforming Eye wash bottle with pure water	to EN166
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.		vhen handling
		Suitable for short time use or protection aga 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 long-sleeved working clothing, long trousers and protective boots are additionally recomm and stirring work.	s). Rubber aprons
Respiratory protection		In case of inadequate ventilation wear respi Respirator selection must be based on know exposure levels, the hazards of the product ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 100 Ensure adequate ventilation. This can be ad exhaust extraction or by general ventilation. ods for determining inhalation exposure). Th ticular to the mixing / stirring area. In case th to keep the concentrations under the occupal limits then respiration protection measures r	vn or anticipated and the safe work- 000 ppm chieved by local (EN 689 - Meth- his applies in par- his is not sufficent ational exposure
Environmental exposure o	ontro	ls	
		Drevent product from entering dreine	

General advice	: Prevent product from entering drains.	
	If the product contaminates rivers and lakes or drains in	nform
	respective authorities.	

# **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid colourless
Odour	:	unpleasant
Melting point/freezing point	:	-48 °C

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Boiling point/boiling range	: ca. 100 °C	
Flammability (solid, gas)	: No data available	
Upper/lower flammability or	xplosive limits	
Upper explosion limit / Up- per flammability limit	-	
Lower explosion limit / Lower flammability limit	: ca. 2,1 %(V)	
Flash point	: ca. 10 °C Method: closed cup	
Auto-ignition temperature	: ca. 430 °C	
Decomposition temperature	: No data available	
рН	: not determined substance/mixture is non-soluble (in water)	
Viscosity		
Viscosity, dynamic	: ca. 300 mPa.s (20 °C)	
Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	: insoluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: ca. 47,0 hPa (20 °C)	
Density	: ca. 0,99 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	2//2
Country GB 00000607627		8 / 16



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### 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 reaction	ons			
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.			
10.5 Incompatible materials				
Materials to avoid :	No data available			
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 avai	lable 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/k	g



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<b>2-(N-methyl-p-toluidino)ethano</b> Acute oral toxicity :	<b>l:</b> LD50 Oral (Rat): > 2.000 mg/kg	
Skin corrosion/irritation Causes skin irritation.		
Product: Remarks :	Irritating to skin and mucous membranes	
Serious eye damage/eye irritati Not classified based on available		
Product: Remarks :	No eye irritation	
Respiratory or skin sensitisation	on	
<b>Skin sensitisation</b> May cause an allergic skin reaction	on.	
<b>Respiratory sensitisation</b> Not classified based on available	information.	
Germ cell mutagenicity Not classified based on available	information.	
<b>Carcinogenicity</b> Not classified based on available	information.	
<b>Reproductive toxicity</b> Not classified based on available	information.	
<b>STOT - single exposure</b> 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		
Endocrine disrupting propertie	S	
Product: Assessment :	The substance/mixture does not contain con ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delega (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	s according to ted regulation



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## **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)
12.2 Persistence and degradabil	ity	
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 as	sse	ssment
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 prope	rtie	s
Product:		
Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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### 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 way. 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.
	European Waste Catalogue	:	08 01 11* waste paint and varnish containing organic sol- vents or other dangerous substances
	Contaminated packaging	:	15 01 10* packaging containing residues of or contaminated by dangerous substances

# **SECTION 14: Transport information**

### 14.1 UN number or ID number

	ADR	:	UN 1247	
	IMDG	:	UN 1247	
	ΙΑΤΑ	:	UN 1247	
14.2 UN proper shipping name				
	ADR	:	METHYL METHACRY	LATE MONOMER, STABILIZED
	IMDG	:	METHYL METHACRY	YLATE, MONOMER, STABILIZED
	ΙΑΤΑ	:	Methyl methacrylate monomer, stabilized	
14.3	Transport hazard class(es)			
			Class	Subsidiary risks

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ADR	3			
IMDG	3			
ΙΑΤΑ	3			
14.4 Packing group				
<b>ADR</b> Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	II F1 339 3 (D/E)			
<b>IMDG</b> Packing group Labels EmS Code	II 3 5 F-E, S-D			
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	364 Y341 II Flammable Liquids			
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	353 Y341 II Flammable Liquids			
14.5 Environmental hazards				
<b>ADR</b> Environmentally hazardous	no			
IMDG Marine pollutant	no			
<b>IATA (Passenger)</b> 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				

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.



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## **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 List of restrictions (Annex 17	) : Not applicable		
International Chemical Weapons Conver Schedules of Toxic Chemicals and Prec			
Regulation (EC) No 1005/2009 on subst plete the ozone layer	nces that de- : Not applicable		
GB Export and import of hazardous cher Informed Consent (PIC) Regulation	nicals - Prior : Not applicable		
Control of Major Accident Hazards Regulations P5c FLAMMABLE LIQUIDS 2015 (COMAH)			
Volatile organic compounds : Law c (VOC Volati	n the incentive tax for volatile organic compounds /) e organic compounds (VOC) content: < 0% w/w C duties		
emiss	ve 2010/75/EU of 24 November 2010 on industrial ons (integrated pollution prevention and control) e organic compounds (VOC) content: < 0% w/w		

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 mixture:	Control of Substances Hazardous to Health Regulations (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.



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## **SECTION 16: Other information**

Full text of H-Statements	
H225	: Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	: May cause an allergic skin reaction.
H319	
	<ul> <li>Causes serious eye irritation.</li> <li>May cause respiratory irritation.</li> </ul>
H335	
H411	: Toxic to aquatic life with long lasting effects.
Full text of other abbreviation	
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Irrit.	Eye irritation
Flam. Liq.	: Flammable liquids
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT SE	: Specific target organ toxicity - single exposure
2009/161/EU	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	: UK. EH40 WEL - Workplace Exposure Limits
2009/161/EU / TWA	: Limit Value - eight hours
2009/161/EU / STEL	: Short term exposure limit
GB EH40 / TWA	: Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	: Short-term exposure limit (15-minute reference period)
ADR	European Agreement concerning the International Carriage of
	Dangerous Goods by Road
CAS	Chemical Abstracts Service
DNEL	: Derived no-effect level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
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)
MARPOL	: International Convention for the Prevention of Pollution from
	Ships, 1973 as modified by the Protocol of 1978
OEL	: Occupational Exposure Limit
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 Concern



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vPvB	: Very persistent and very bioaccumulative	

#### Further information

Classification of the mixture:		Classification procedure:
Flam. Liq. 2	H225	Based on product data or assessment
Skin Irrit. 2	H315	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation 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.

Changes as compared to previous version !

GB / EN