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

### **1.1 Product identifier**

Trade name

: Sikalastic<sup>®</sup> Rapid Primer Metall Spray

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

Product use

: Primer, For professional users only.

### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Schweiz AG
		Tüffenwies 16
		8048 Zürich
Telephone	:	+41 58 436 40 40
Telefax	:	-
E-mail address of person	:	EHS@ch.sika.com
responsible for the SDS		

### **1.4 Emergency telephone number**

Tox Info Suisse CH-8028 Zurich +41(0)44 251 51 51 / Speed calling: 145

## **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Aerosols, Category 1	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through pro- longed or repeated exposure if inhaled.
Long-term (chronic) aquatic hazard, Cat- egory 2	H411: Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H222 H229 H315 H319 H373 H411	Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause damage to organs through pro- longed or repeated exposure if inhaled. Toxic to aquatic life with long lasting effects.
Precautionary statements	:	Prevention:	
		P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
		P211	Do not spray on an open flame or other igni- tion source.
		P251 P260 P273	Do not pierce or burn, even after use. Do not breathe dust or mist. Avoid release to the environment.
		Response:	
		P391	Collect spillage.
		<b>Storage:</b> P410 + P412	Protect from sunlight. Do not expose to tem- peratures exceeding 50 °C/ 122 °F.

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

reaction mass of ethylbenzene and xylene

### **Additional Labelling**

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

### 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

Components Chemical name	CAS-No.	Classification	Concentration	
	EC-No. Registration number		(% w/w)	
reaction mass of ethylbenzene and xylene	Not Assigned 905-588-0 01-2119488216-32- XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 10 - < 20	
trizinc bis(orthophosphate) Contains: zinc oxide <= 2 %	7779-90-0 231-944-3	Aquatic Acute 1; H400	>= 2,5 - < 5	
ZINC OXIDE <= 2 %	01-2119485044-40- XXXX	Aquatic Chronic 1; H410		
zinc oxide	1314-13-2 215-222-5 01-2119463881-32- XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 1 - < 2,5	
		M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1		
Substances with a workplace exp			1	
dimethyl ether	115-10-6 204-065-8 01-2119472128-37- XXXX	Flam. Gas 1A; H220	>= 40 - < 60	

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.

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In case of skin contact	: Take off contaminated clothing and shoes imm Wash off with soap and plenty of water. If symptoms persist, call a physician.	ediately.
In case of eye contact	<ul> <li>Immediately flush eye(s) with plenty of water.</li> <li>Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> <li>If eye irritation persists, consult a specialist.</li> </ul>	
If swallowed	<ul> <li>Do not induce vomiting without medical advice Rinse mouth with water.</li> <li>Do not give milk or alcoholic beverages.</li> <li>Never give anything by mouth to an unconscio</li> </ul>	
4.2 Most important symptoms ar	nd effects, both acute and delayed	
Symptoms	: Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information of and symptoms.	n health effects
Risks	: irritant effects	
	Causes skin irritation. Causes serious eye irritation. May cause damage to organs through prolong exposure if inhaled.	ed or repeated
4.3 Indication of any immediate I	nedical attention and special treatment needed	
Treatment	: Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1 Extinguishing media		
Suitable extinguishing media	: Water spray jet Dry powder Foam Carbon dioxide (CO2)	
Unsuitable extinguishing media	: High volume water jet	
5.2 Special hazards arising from	the substance or mixture	
Specific hazards during fire- fighting	: Do not allow run-off from fire fighting to enter of courses. Extremely flammable aerosol.	rains or water
Hazardous combustion prod-	: No hazardous combustion products are known	I.
Country CH 10000037851		4 / 17

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### 5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.
Further information	:	Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures					
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.			
6.2 Environmental precautions					
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.			

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

### 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	:	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</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> <li>Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul>
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Do not spray on a

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	naked flame or any incandescent ma measures against electrostatic discha	
Hygiene measures	: Handle in accordance with good indu practice. When using do not eat or dr smoke. Wash hands before breaks a	ink. When using do not
7.2 Conditions for safe storage, i	ncluding any incompatibilities	
Requirements for storage areas and containers	: BEWARE: Aerosol is pressurized. Ke exposure and temperatures over 50 ° or throw into fire even after use. Do n red-hot objects. Store in original cont tightly closed in a dry and well-ventila precautions. Store in accordance with	<sup>o</sup> C. Do not open by force not spray on flames or ainer. Keep container ated place. Observe label
Further information on stor- age stability	: No decomposition if stored and applie	ed as directed.
7.3 Specific end use(s)		
Specific use(s)	: Consult most current local Product Duse.	ata Sheet 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 *	
dimethyl ether	115-10-6	TWA	1.000 ppm 1.920 mg/m3	2000/39/EC	
	Further information	ation: Indicative			
		TWA	1.000 ppm 1.910 mg/m3	CH SUVA	
reaction mass of ethylbenzene and xy- lene	Not Assigned	TWA	50 ppm 221 mg/m3	2000/39/EC	
	Further information: Identifies the possibility of significant upta through the skin, Indicative			ficant uptake	
		STEL	100 ppm 442 mg/m3	2000/39/EC	
		TWA	50 ppm 220 mg/m3	CH SUVA	
	Further information: Toxic by skin resorption possible; Substanc- es, which are easily absored through the skin, can give by addi- tional skin resoption a substancial higher risk compared to only				
	inhalation by the airways., National Institute for Occupational Safety and Health, Institut National de Recherche et de Sécurité				
	pour la prévention des accidents du travail et des maladies pro- fessionnelles				
		STEL	100 ppm 440 mg/m3	CH SUVA	



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zinc oxide	1314-13-2	TWA (alveolate fume)	3 mg/m3	CH SUVA
	Further information: National Institute for Occupational Safety and Health, Occupational Safety and Health Administration			
		STEL (alveolate fume)	3 mg/m3	CH SUVA

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

### **Biological occupational exposure limits**

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
reaction mass of ethylbenzene and xylene	Not Assigned	methyl hippuric acids: 2 g/l (Urine)	Immediately after exposure or after working hours	CH BAT

### 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 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).
Respiratory protection	:	In case of inadequate ventilation wear 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 (Type A) and particulate filter A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm P1: Inert material; P2, P3: hazardous substances Ensure adequate ventilation, especially in confined areas. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.



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## Environmental exposure controls

General advice

: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

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

9.1 Information on basic physical	an	d chemical properties
Physical state Colour	:	aerosol various
Odour	:	hydrocarbon-like
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability	:	Extremely flammable aerosol.

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper explosion limit / Upper flammability limit	:	Upper explosion limit 18,6 %(V)
Lower explosion limit / Lower flammability limit	:	Lower explosion limit 3 %(V)
Flash point	:	ca40 °C Method: closed cup
Auto-ignition temperature	:	235 °C
Self ignition temperature	:	350 °C
Decomposition temperature	:	No data available
рН	:	Not applicable substance/mixture is non-soluble (in water)
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable

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Water solubility	:	insoluble
Partition coefficient: n- octanol/water	:	No data available
Vapour pressure	:	4.200 hPa (20 °C)
Density	:	ca. 0,86 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.
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### 10.4 Conditions to avoid

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

Materials to avoid	: Oxidizing age	ents
	Acids and ba	ses

## 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## **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:**

reaction mass of ethylbenzene and xylene:				
Acute oral toxicity	:	LD50 Oral (Rat): 3.523 mg/kg		
trizinc bis(orthophosphate)	):			
Acute oral toxicity	:	LD50 Oral (Rat): > 5.001 mg/kg		
Acute inhalation toxicity	:	LC50 (Rat): > 5,7 mg/l Exposure time: 4 h Test atmosphere: dust/mist		
zinc oxide:				
Acute oral toxicity	:	LD50 Oral (Rat): > 15.000 mg/kg		
Acute inhalation toxicity	:	LC50 (Rat): > 5,7 mg/l Exposure time: 4 h Test atmosphere: dust/mist		
Skin corrosion/irritation				
Causes skin irritation.				
Serious eye damage/eye in	ritati	on		
Causes serious eye irritation.				
Respiratory or skin sensitisation				
Skin sensitisation				
Not classified based on available information.				
Respiratory sensitisation				
Not classified based on available information.				

#### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

#### **Reproductive toxicity**

Not classified based on available information.

### STOT - single exposure

Not classified based on available information.

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### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

#### Aspiration toxicity

Not classified based on available information.

### 11.2 Information on other hazards

### Endocrine disrupting properties

### 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.

### **SECTION 12: Ecological information**

### 12.1 Toxicity

### Components:

### reaction mass of ethylbenzene and xylene:

	reaction mass of ethylocizene and xylene.				
	Toxicity to fish (Chronic tox- icity)	:	NOEC: > 1,3 mg/l Exposure time: 56 d Species: Oncorhynchus mykiss (rainbow trout)		
	Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC: 1,17 mg/l Exposure time: 7 d Species: Daphnia (water flea)		
	zinc oxide:				
	Toxicity to algae/aquatic plants	:	EC50 (Selenastrum capricornutum (green algae)): 0,17 mg/l Exposure time: 72 h		
	M-Factor (Acute aquatic tox- icity)	:	1		
	M-Factor (Chronic aquatic toxicity)	:	1		
12.2	Persistence and degradabili	ty			
	No data available	•			
12.3	Bioaccumulative potential				
	No data available				
12.4	Mobility in soil				
	No data available				

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#### 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

Product:		
Assessment	:	The substance/mixture does not contain components consid- ered 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.
12.7 Other adverse effects		
Product:		
Additional ecological infor- mation	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Toxic to aquatic life with long lasting effects.

### **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.

## **SECTION 14: Transport information**

### 14.1 UN number or ID number

ADR	:	UN 1950
IMDG	:	UN 1950



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ΙΑΤΑ		UN 1950		
14.2 UN proper shipping name	•			
ADR		AEROSOLS		
IMDG		AEROSOLS		
	•		thophosphate), zinc oxide)	
ΙΑΤΑ	:	Aerosols, flar	nmable	
14.3 Transport hazard class(es)				
		Class	Subsidiary risks	
ADR	:	2	2.1	
IMDG	:	2.1		
ΙΑΤΑ	:	2.1		
14.4 Packing group				
ADR				
Packing group	:		by regulation	
Classification Code Labels	÷	5F 2.1		
Tunnel restriction code	:	(D)		
IMDG				
Packing group Labels	÷	Not assigned 2.1	by regulation	
EmS Code	:	2.1 F-D, S-U		
IATA (Cargo)				
Packing instruction (cargo aircraft)	:	203		
Packing instruction (LQ)	:	Y203		
Packing group	:	Not assigned	by regulation	
Labels	÷	Flammable G	as	
IATA (Passenger) Packing instruction (passen- ger aircraft)	:	203		
Packing instruction (LQ)	:	Y203		
Packing group	÷		by regulation	
Labels	•	Flammable G	as	
14.5 Environmental hazards				
<b>ADR</b> Environmentally hazardous	:	yes		
IMDG Marine pollutant	:	yes		
IATA (Passenger) Environmentally hazardous	:	yes		
IATA (Cargo) Environmentally hazardous	:	yes		

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### 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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)			Conditions of restriction for the fol- lowing entries should be considered: Number on list 75
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors			Not applicable
	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).		
REACH - List of substances subje (Annex XIV)	REACH - List of substances subject to authorisation (Annex XIV)		
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer			Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)			Not applicable
PIC Ordinance, ChemPICO (814.82)			Not applicable
REACH Information: - registered by our ups - registered by us, and - excluded from the registered from		trea /or gula	im suppliers, and/or tion, and/or
Seveso III: Directive 2012/18/EU jor-accident hazards involving dar P3a			and of the Council on the control of ma
E2	ENVIRONMENTAL HA	٨ZA	RDS
Water hazard class (Germa- : ny)	WGK 2 obviously haza Classification according		
Volatile organic compounds : Law on the incentive ta			or volatile organic compounds

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(VOCV)

Volatile organic compounds (VOC) content: 71,9% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 71,9% w/w

### Other regulations:

75/324/EEC

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective measures.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

#### 15.2 Chemical safety assessment

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

### **SECTION 16: Other information**

-			
Н	220	:	Extremely flammable gas.
Н	226	:	Flammable liquid and vapour.
Н	304	:	May be fatal if swallowed and enters airways.
Н	312	:	Harmful in contact with skin.
Н	315	:	Causes skin irritation.
Н	319	:	Causes serious eye irritation.
Н	332	:	Harmful if inhaled.
Н	335	:	May cause respiratory irritation.
Н	373	:	May cause damage to organs through prolonged or repeated exposure if inhaled.
Н	400	:	Very toxic to aquatic life.
Н	410		Very toxic to aquatic life with long lasting effects.
Н	412		Harmful to aquatic life with long lasting effects.

#### Full text of H-Statements

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### Full text of other abbreviations

Acute Tox. Aquatic Acute Aquatic Chronic Asp. Tox. Eye Irrit. Flam. Gas Flam. Liq. Skin Irrit.	<ul> <li>Acute toxicity</li> <li>Short-term (acute) aquatic hazard</li> <li>Long-term (chronic) aquatic hazard</li> <li>Aspiration hazard</li> <li>Eye irritation</li> <li>Flammable gases</li> <li>Flammable liquids</li> <li>Skin irritation</li> </ul>
STOT RE STOT SE 2000/39/EC	<ul> <li>Skir inflation</li> <li>Specific target organ toxicity - repeated exposure</li> <li>Specific target organ toxicity - single exposure</li> <li>Europe. Commission Directive 2000/39/EC establishing a first</li> </ul>
CH BAT CH SUVA 2000/39/EC / TWA 2000/39/EC / STEL CH SUVA / TWA CH SUVA / STEL	<ul> <li>list of indicative occupational exposure limit values</li> <li>Switzerland. List of BAT-values</li> <li>Switzerland. Limit values at the work place</li> <li>Limit Value - eight hours</li> <li>Short term exposure limit</li> <li>Time Weighted Average</li> <li>Short Term Exposure Limit</li> </ul>
ADR	<ul> <li>European Agreement concerning the International Carriage of Dangerous Goods by Road</li> </ul>
CAS DNEL EC50 GHS	<ul> <li>Chemical Abstracts Service</li> <li>Derived no-effect level</li> <li>Half maximal effective concentration</li> <li>Globally Harmonized System</li> </ul>
IATA IMDG LD50	<ul> <li>International Air Transport Association</li> <li>International Maritime Code for Dangerous Goods</li> <li>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)</li> </ul>
LC50	<ul> <li>Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)</li> </ul>
MARPOL	<ul> <li>International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978</li> </ul>
OEL PBT PNEC REACH	<ul> <li>Occupational Exposure Limit</li> <li>Persistent, bioaccumulative and toxic</li> <li>Predicted no effect concentration</li> <li>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-</li> </ul>
SVHC vPvB	<ul> <li>cals (REACH), establishing a European Chemicals Agency</li> <li>Substances of Very High Concern</li> <li>Very persistent and very bioaccumulative</li> </ul>

### Further information

Classification of the mi	xture:	Classification procedure:
Aerosol 1	H222, H229	Based on product data or assessment
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method

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STOT RE 2	H373	Calculation method	
Aquatic Chronic 2	H411	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 !

CH / EN