

Date of printing: 08.05.2023 Page: 1 / 10

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1 **Product identifier** Commercial product name: Sila-X-Press Liquid Product group: Liquid component UFI: TWF9-NE7S-860D-AMQ2 1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture: Manufacture of dental products. 1.3 Details of the supplier of the safety data sheet Manufacturer: retec® Kunststofftechnik GmbH Street / mailbox: Industriestraße 2 Country code. / postal code / city: D-61191 Rosbach v.d.H Phone: +49 (0) 6007 - 9157 0 Fax: +49 (0) 6007 - 9157 29 info@retec-dent.de / www.retec-dent.de E-mail / Website: Herr Dr. Manfred Steinbach Contact person: e-mail: manfred.steinbach@retec-dent.de Supplier: SILADENT Dr. Böhme & Schöps GmbH Street / mailbox: Im Klei 26

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+49 (0) 6007-91570

## 1.4 Emergency telephone number:

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture: GB CLP Regulation Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335

Full text of hazard statements: see SECTION 16.

# 2.2 Label elements:

GB CLP Regulation Hazard components for labelling:

Methyl methacrylate 1,4-Butandiol dimethacrylate

Signal word:

Danger



#### Hazard statements:

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.



Date of printing: 08.05.2023 Page: 2 / 10

#### **Precautionary statements:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves/protective clothing/eye protection/face protection/ hearing protection.
IF ON SKIN: Wash with plenty of water and soap.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use carbon dioxide (CO2), foam or dry powder to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container to as hazardous waste - in accordance with local and national legislation - suitable, approved incinerator for combustible organic waste.

2.3 Other hazards No information available.

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

# 3.2 Mixtures

### Chemical characterisation:

Mixture based on methyl methacrylate.

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (GB CLP Regu	lation)		
80-62-6	Methyl methacrylate	90 - < 95 %		
	201-297-1		01-2119452498-28	
	Flam. Liq. 1, Skin Irrit. 2, Skin Sens. 1, STOT SE 3; H224 H315 H317 H335			
2082-81-7	1,4-Butandiol dimethacrylate	<b>;</b>		5 - < 10 %
	218-218-1		01-2119967415-30	
Skin Sens. 1; H317				

Full text of H- and EUH-phrases: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-	factors and ATE	
80-62-6	201-297-1	Methyl methacrylate	90 - < 95 %
	inhalation: LC50 = 29,8 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral:		
	LD50 = >5000 mg/kg		
2082-81-7	218-218-1	1,4-Butandiol dimethacrylate	5 - < 10 %
	dermal: LD50 = > 3000 mg/kg; oral: LD50 = > 10000 mg/kg		

#### **SECTION 4: First aid measures**

4.1	Description of first aid measures: General information:	Remove contaminated, saturated clothing immediately. If skin irritation or rash occurs, get medical advice/attention. If eye irritation persists, get medical advice/attention.
	After inhalation:	Provide fresh air. When in doubt or if symptoms are observed, get medical advice.
	After contact with skin:	After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician.



Revi	sion date: 13.09.2022 sion No: 1,04 <b>a-X-Press Liquid</b>	Date of printing: 08.05.2023 Page: 3 / 10
	After contact with eyes:	After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
	After ingestion:	Do NOT induce vomiting. Rinse mouth. Call a physician immediately.
4.2	Most important symptoms and effects, both acute and delayed:	Causes skin irritation. May cause respiratory irritation. May cause an allergic skin reaction.
4.3	Indication of any immediate medical attention and special treatment needed:	Treat symptomatically.
SECT	ION 5: Firefighting measures	
5.1	Extinguishing media:	
	Suitable extinguishing media:	Carbon dioxide (CO2), Foam, Extinguishing powder.
	Unsuitable extinguishing media:	Full water jet.
5.2	Special hazards arising from the substance or mixture:	Highly flammable liquid and vapour. Can polymerise exothermically if heated, exposed to air, sunlight or by addition or free radical initiators. Vapours can form explosive mixtures with air
5.3	Advice for firefighters:	Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.
	Additional information:	Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
SECT	ION 6: Accidental release measures	
6.1	Personal precautions, protective equipmen General measures	at and emergency procedures: Remove all sources of ignition.
6.2	Environmental precautions:	Do not allow to enter into surface water or drains.
6.3	Methods and material for containment and cleaning up: Other information:	Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.
6.4	Reference to other sections:	Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13
	ION 7: Handling and storage	
7.1	Precautions for safe handling: Advice on safe handling:	When using do not eat, drink, smoke, sniff. Use only in well- ventilated areas. Do not breathe gas/fumes/vapour/spray.
	Advice on protection against fire and explosion:	Keep away from sources of ignition - No smoking. Flammable vapours can accumulate in headspace of closed systems.



Date of printing: 08.05.2023 Page: 4 / 10

		Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.
	Advice on general occupational hygiene:	Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.
	Further information on handling:	Caution! Transport usually takes place at temperatures above the flash point.
7.2	Conditions for safe storage, including any Requirements for storage rooms and vessels:	<b>ncompatibilities</b> Keep container tightly closed. Keep in a cool, well-ventilated place. Protect from direct sunlight.
	Advice on storage compatibility:	Do not store together with: Material, oxygen-rich, Oxidising. Pyrophoric or self-heating substances.

Further information on storage conditions: Keep away from heat.

# SECTION 8: Exposure controls/personal protection

# 8.1 Control parameters

Exposure limits (EH40)						
CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
80-62-6	Methyl methacrylate	50 100	208 416		TWA (8 h) STEL (15 min)	WEL WEL

#### DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
80-62-6	Methyl methacrylate			
Worker DNEL,	long-term	inhalation		208 mg/m <sup>3</sup>
Worker DNEL,	long-term	dermal		17 mg/kg bw/day

#### 8.2 Exposure controls:

Appropriate engineering controls:	If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.
Protective and hygiene measures:	Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.
Eye/face protection:	Wear eye/face protection.
Hand protection:	Wear suitable protective gloves. To protect against splashes: butyl; EN 374. To protect against immersion: butyl; 0.7 mm or thicker, EN 374. The suitability of gloves should be agreed with the manufacturer. Change gloves in the event of contamination or if the breakthrough time is exceeded. Resistance of the glove material: see information from the glove manufacturer.



Date of printing: 08.05.2023 Page: 5 / 10

Skin protection:

**Respiratory protection:** 

Flame-retardant protective clothing. Wear anti-static footwear and clothing.

Wear suitable respiratory protection if technical measures are inadequate or not in place and exposure is to be expected that exceeds the DNEL (derived exposure level below which the substance does not cause any harm to human health). A suitable breathing mask with filter type A (EN141 or EN405) is recommended. A self-contained breathing apparatus may be necessary if particularly high vapour concentrations are formed.

SECT	ION 9: Physical and chemical properties	
9.1	Information on basic physical and chemica	I properties
	Physical state:	liquid
	Colour:	colourless
	Odour:	characteristic
	Melting point/freezing point:	-48 °C
	Boiling point or initial boiling point and boiling	
	range:	
	Flammability:	not applicable
	Lower explosion limits:	2,1 vol. %
	Upper explosion limits:	12,5 vol. %
	Flash point:	10 °C
	Auto-ignition temperature:	421 °C
	Decomposition temperature:	not determined
	pH-Value:	not determined
	Water solubility:	12,5 g/L
	(at 20 °C)	-
	Solubility in other solvents:	not determined
	Partition coefficient n-octanol/water:	1,38
	Vapour pressure:	
	(at 20 °C)	
	Density (at 15,5 °C):	0,949 g/cm <sup>3</sup>
	Relative vapour density:	3,5
	(at 20 °C)	
9.2	Other information	
	Information with regard to physical hazard	classes
	Self-ignition temperature	
	Solid:	not applicable
	Gas:	not applicable
	Oxidizing properties:	Not oxidising.
	Other safety characteristics	
	Evaporation rate:	not determined
	Solid content:	not determined
	Viscosity / dynamic:	0,53 mPa⋅s
	(at 20 °C)	
<u>SEC</u> T	ION 10: Stability and reactivity	
10.1	Reactivity:	Highly flammable, Vapours can form explosive mixtures with
		air.
10.2	Chemical stability:	The product is stable under storage at normal ambient

temperatures.



Revis	sion date: 13.09.2022 sion No: 1,04 <b>I-X-Press Liquid</b>	Date of printing: 08.05.2023 Page: 6 / 10
10.3	Possibility of hazardous reactions:	Can polymerise exothermically if heated, exposed to air, sunlight or by addition or free radical initiators.
10.4	Conditions to avoid:	Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Can polymerise exothermically if heated, exposed to air, sunlight or by addition or free radical initiators. Protect from direct sunlight.
10.5	Incompatible materials:	Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

# **10.6 Hazardous decomposition products**

No known hazardous decomposition products.

# SECTION 11: Toxicological information

11.1 Information on toxicological effects: Acute toxicity: ATEmix tested

Based on available data, the classification criteria are not met.

	Dose	Species	Source
LD50, oral	7870 mg/kg	Rat	
LD50, dermal	> 5000 mg/kg	Rabbit	
LC50, inhalative (vapour) (4h)	78 mg/l	Rat	

CAS No	Chemical name						
	Exposure routes	Dose		Species	Source	Method	
80-62-6	Methyl methacrylate						
	oral	LD50 mg/kg	>5000	Rat	OECD 401		
	dermal	LD50 mg/kg	>5000	Rabbit			
	inhalative vapour	LC50 mg/l	29,8	Rat			
2082-81-7	1,4-Butandiol dimethacrylate						
	oral	LD50 mg/kg	>10000	Rat			
	dermal	LD50 mg/kg	>3000	Rabbit			

Irritation and corrosivity:	Causes skin irritation. Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.
Sensitising effects:	May cause an allergic skin reaction. (Methyl methacrylate; 1,4-Butandiol dimethacrylate)
Carcinogenic/mutagenic/toxic effects for reproduction:	Based on available data, the classification criteria are not met.
STOT-single exposure:	May cause respiratory irritation. (Methyl methacrylate)
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.



Date of printing: 08.05.2023 Page: 7 / 10

Additional information on tests:

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

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

#### 12.1 Toxicity:

Acute (short-term) fish toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method
80-62-6	Methyl methacrylate	e					
	Acute fish toxicity	LC50	> 79mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203	
	Acute algae toxicity	ErC50	> 110 mg/l	72 h	Selenastrum capricornutum	OECD 201	
	Acute crustacea toxicity	EC50	69 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202	
	Crustacea toxicity	NOEC	37 mg/l	21 d	Daphnia magna (Big waterflea)	OECD 202	
2082-81-7	1,4-Butandiol dimet	thacrylate					
	Acute fish toxicity	LC50	32,5 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute crustacea toxicity	EC50	7,51 mg/l	48 h	Daphnia magna (Big water flea)	OECD 211	
	Crustacea toxicity	NOEC	7,51 mg/l		Selenastrum capricornutum		

#### 12.2 Persistence and degradability:

12.3 Bioaccumulative potential:

Biodegradable.

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
80-62-6	Methyl methacrylate	1,38
2082-81-7	1,4-Butandiol dimethacrylate	3,1

No information available.

Avoid release to the environment.

12.4 Mobility in soil:

Mobility in soil: No adsorption in soil or sediment.

- 12.5 Results of PBT and vPvB assessment:
- This substance does not meet the PBT/vPvB criteria of
- REACH, annex XIII.
- 12.6 Other adverse effects:

Further information:

## SECTION 13: Disposal considerations

13.1 Waste treatment methods: Disposal recommendations:

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.



Contaminated packaging:

**SECTION 14: Transport information** 

Date of printing: 08.05.2023 Page: 8 / 10

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

	ON 14. Transport information	
	Land transport (ADR/RID):	
14.1	UN number:	UN 1247
14.2	UN proper shipping name:	METHYL METHACRYLATE MONOMER, STABILIZED
14.3	Transport hazard class(es):	3
14.4	Packing group:	
	Hazard label:	3
	Classification code:	F1
	Limited quantity:	1 L
	Excepted quantity:	E2
	Transport category:	2
	Hazard No:	339
	Tunnel restriction code:	D/E
	Other applicable information (land	SAPT: > 60 °C
	transport)	
	Inland waterways transport (ADN)	
14.1	UN number:	UN 1247
14.2	UN proper shipping name:	METHYL METHACRYLATE MONOMER, STABILIZED
14.3	Transport hazard class(es):	3
14.4	Packing group:	
	Hazard label:	3
	Classification code:	5 F1
	Limited quantity:	1L
	Excepted quantity:	E2
	Other applicable information (inland	SAPT: > 60 °C
	waterways transport)	
	Marine transport (IMDG)	
14.1	UN number:	UN 1247
14.1 14.2		UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED
	UN number:	
14.2	UN number: UN proper shipping name: Transport hazard class(es):	METHYL METHACRYLATE MONOMER, STABILIZED
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label:	METHYL METHACRYLATE MONOMER, STABILIZED 3
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 -
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D
14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport)	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D
14.2 14.3 14.4	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport)	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C
14.2 14.3 14.4	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) <u>Air transport (ICAO-TI/IATA-DGR)</u> UN number:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247
14.2 14.3 14.4 14.1 14.2	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) <u>Air transport (ICAO-TI/IATA-DGR)</u> UN number: UN proper shipping name:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C
14.2 14.3 14.4	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) <u>Air transport (ICAO-TI/IATA-DGR)</u> UN number:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247
14.2 14.3 14.4 14.1 14.2	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) Air transport (ICAO-TI/IATA-DGR) UN number: UN proper shipping name: Transport hazard class(es):	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED
14.2 14.3 14.4 14.4 14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) <u>Air transport (ICAO-TI/IATA-DGR)</u> UN number: UN proper shipping name:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED 3 II
14.2 14.3 14.4 14.4 14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) <u>Air transport (ICAO-TI/IATA-DGR)</u> UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3
14.2 14.3 14.4 14.4 14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) Air transport (ICAO-TI/IATA-DGR) UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Limited quantity Passenger:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 1 L
14.2 14.3 14.4 14.4 14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) Air transport (ICAO-TI/IATA-DGR) UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Limited quantity Passenger: Passenger LQ:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 1 L Y-341
14.2 14.3 14.4 14.4 14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) Air transport (ICAO-TI/IATA-DGR) UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Limited quantity Passenger: Passenger LQ: Excepted quantity:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 1 L Y-341 E2
14.2 14.3 14.4 14.4 14.2 14.3	UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Special Provisions: Limited quantity: Excepted quantity: EmS: Other applicable information (marine transport) Air transport (ICAO-TI/IATA-DGR) UN number: UN proper shipping name: Transport hazard class(es): Packing group: Hazard label: Limited quantity Passenger: Passenger LQ:	METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 - 1 L E2 F-E, S-D SAPT: > 60 °C UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED 3 II 3 1 L Y-341

Revis	ion date: 13.09.2022 ion No: 1,04 <b>-X-Press Liquid</b>	Date of printing: 08.05.2023 Page: 9 / 10
14.5	IATA-max. quantity - Passenger: IATA-packing instructions - Cargo: IATA-max. quantity - Cargo: Other applicable information (air transport) Environmental hazards	5 L 364 60 L SAPT: > 60 °C
	ENVIRONMENTALLY HAZARDOUS:	No
14.6	Special precautions for user Warning:	Combustible liquids.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	not applicable
	ON 15: Regulatory information	
15.1	Safety, health and environmental regulation EU regulatory information	s/legislation specific for the substance or mixture
	Restrictions on use (REACH, annex XVII):	Entry 3, Entry 40
	2010/75/EU (VOC): 2004/42/EC (VOC):	90 % (854,1 g/l) 90 % (854,1 g/l)
	Information according to 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS
	National regulatory information Employment restrictions:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
	Water contaminating class (D):	1 - slightly water contaminating
	Skin resorption/Sensitization:	Causes allergic hypersensitivity reactions.
15.2	Chemical safety assessment	Chemical safety assessments for substances in this mixture were not carried out.

# **SECTION 16: Other information**

# 16.1 Abbreviations and acronyms

Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
International Maritime Code for Dangerous Goods
International Air Transport Association
Globally Harmonized System of Classification and Labelling of Chemicals
European Inventory of Existing Commercial Chemical Substances
European List of Notified Chemical Substances
Chemical Abstracts Service
Lethal concentration, 50%
Lethal dose, 50%

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Skin Irrit. 2; H315	Calculation method



Date of printing: 08.05.2023 Page: 10 / 10

Skin Sens. 1; H317	Calculation method
STOT SE 3; H335	Calculation method

#### Relevant H and EUH statements (number and full text):

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

#### **16.2** Further Information:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safetydata sheet.)