

Product name: SILIKOFTAL® HTF MPA/MBA

SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

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

1.1 Product identifier

Product name:
SILIKOFTAL® HTF MPA/MBA

Chemical name:
Solution of phenyl methyl polysiloxane resins

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

Identified uses: Industrial use

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Company Name : Evonik Operations GmbH
Rellinghauser Str. 1-11
45128 Essen
Germany

Telephone : +49 201 173 01
Fax : +49 201 173 3000
E-mail : productsafety-sp@evonik.com

1.4 Emergency telephone number:

24-Hour Health : +49 2365 49 2232
Emergency : +49 2365 49 4423 (Fax)

National Poison Information Service (NPIS)
England, Scotland and Wales: NHS: 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Physical Hazards

Flammable liquids Category 3 H226: Flammable liquid and vapor.

2.2 Label Elements

Product name: SILIKOFTAL® HTF MPA/MBA

Signal Words: Warning

Hazard Statement(s): H226: Flammable liquid and vapor.

Precautionary Statements
Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients
Chemical name:

Solution of phenyl methyl polysiloxane resins

3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	UK-REACH Registration No.	REACH Registration No.	M-Factor:	Notes
2-methoxy-1-methylethyl acetate	10 - <20%	108-65-6	203-603-9		01-211947579 1-29	No data available.	#
methanol	1 - <3%	67-56-1	200-659-6		01-211943330 7-44	No data available.	#

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

This substance is listed as SVHC.

Classification

Chemical name	Classification	Notes
2-methoxy-1-methylethyl	Classification: Flam. Liq.: 3: H226; STOT SE: 3: H336;	None.

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acetate	Supplemental label information: None known.	
methanol	Classification: Flam. Liq.: 2: H225; Acute Tox.: 3: H301; Acute Tox.: 3: H311; Acute Tox.: 3: H331; STOT SE: 1: H370; Supplemental label information: None known.	None.

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures
4.1 Description of first aid measures

General information:	Remove soiled or soaked clothing immediately
Inhalation:	fresh air supply, consult a doctor if feeling unwell.
Skin Contact:	In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.
Eye contact:	In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.
Ingestion:	Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.
Personal Protection for First-aid Responders:	No data available.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Up to now no symptoms are known.
Hazards:	No data available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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SECTION 5: Firefighting measures
5.1 Extinguishing media

Suitable extinguishing media:	foam, carbon dioxide, dry powder, water spray.
Unsuitable extinguishing media:	High volume water jet.

5.2 Special hazards arising from the substance or mixture:

In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide benzene Formaldehyde. Under certain conditions of combustion traces of other toxic substances cannot be excluded

5.3 Advice for firefighters

Special fire fighting procedures:	Keep away from sources of ignition. Take action to prevent static discharges. Vapours may form explosive mixtures with air. Cool endangered containers by water spray
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Product name: SILIKOFTAL® HTF MPA/MBA
Special protective equipment for fire-fighters:

Do not inhale explosion and/or combustion gases. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Keep away sources of ignition. Ensure adequate ventilation.
- 6.1.1 For non-emergency personnel:** No data available.
- 6.1.2 For emergency responders:** No data available.
- 6.2 Environmental Precautions:** Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.
- 6.3 Methods and material for containment and cleaning up:** Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.
- 6.4 Reference to other sections:** For further information on exposure monitoring and disposal see sections 8 and 13.

SECTION 7: Handling and storage
7.1 Precautions for safe handling

- Technical measures:** No data available.
- Local/Total ventilation:** No data available.
- Safe handling advice:** Provide good ventilation of working area (local exhaust ventilation if necessary). Use respiratory protection during spraying. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.
- Contact avoidance measures:** No data available.

7.2 Conditions for safe storage, including any incompatibilities

- Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place.
- Safe packaging materials:** No data available.

7.3 Specific end use(s): No further recommendations.

SECTION 8: Exposure controls/personal protection
8.1 Control Parameters
Occupational Exposure Limits

Chemical name	Type	Form of exposure	Exposure Limit Values		Source
			ppm	mg/m ³	
2-methoxy-1-methylethyl acetate	TWA		50 ppm	274 mg/m ³	EH40 WEL (12 2011)
	STEL 15 minutes		100 ppm	548 mg/m ³	EH40 WEL (01 2020)
methanol	TWA		200 ppm	266 mg/m ³	EH40 WEL (12 2011)
	STEL 15		250 ppm	333 mg/m ³	EH40 WEL (01 2020)

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	minutes				
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Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

DNEL-Values

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
2-methoxy-1-methylethyl acetate	General population	Dermal	Systemic, long-term; 320 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 275 mg/m3	irritation respiratory tract
	Workers	Dermal	Systemic, long-term; 796 mg/kg	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 36 mg/kg	Repeated dose toxicity
	General population	Inhalation	Systemic, long-term; 33 mg/m3	irritation respiratory tract
	General population	Eyes	Local effect;	No hazard identified
	Workers	Eyes	Local effect;	No hazard identified
methanol	General population	Inhalation	Local, long-term; 33 mg/m3	irritation respiratory tract
	Workers	Inhalation	Local, short-term; 550 mg/m3	irritation respiratory tract
	Workers	Dermal	Systemic, short-term; 20 mg/kg	Acute toxicity
	General population	Inhalation	Local, short-term; 26 mg/m3	Acute toxicity
	General population	Inhalation	Systemic, short-term; 26 mg/m3	Acute toxicity
	General population	Dermal	Systemic, long-term; 4 mg/kg	Acute toxicity
	General population	Dermal	Systemic, short-term; 4 mg/kg	Acute toxicity
	Workers	Inhalation	Systemic, short-term; 130 mg/m3	Acute toxicity
	General population	Inhalation	Systemic, long-term; 26 mg/m3	Acute toxicity
	Workers	Eyes	Local effect;	No hazard identified
	Workers	Dermal	Systemic, long-term; 20 mg/kg	Acute toxicity
	General population	Oral	Systemic, short-term; 4 mg/kg	Acute toxicity
	Workers	Inhalation	Local, short-term; 130 mg/m3	Acute toxicity
	Workers	Inhalation	Systemic, long-term; 130 mg/m3	Acute toxicity
	General population	Inhalation	Local, long-term; 26 mg/m3	Acute toxicity
General population	Eyes	Local effect;	No hazard identified	
General population	Oral	Systemic, long-term; 4 mg/kg	Acute toxicity	
Workers	Inhalation	Local, long-term; 130 mg/m3	Acute toxicity	

PNEC-Values

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
2-methoxy-1-methylethyl acetate	Soil	0.29 mg/kg	
	Aquatic (freshwater)	0.635 mg/l	
	Sediment (marine water)	0.329 mg/kg	
	Sediment (freshwater)	3.29 mg/kg	
	Aquatic (marine water)	0.064 mg/l	
	Sewage treatment plant	100 mg/l	

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8.2 Exposure controls

Appropriate Engineering Controls: No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection:	Safety glasses
Hand Protection:	Material: Nitrile rubber. Break-through time: 480 min Glove thickness: 0.11 mm Material: Natural rubber. Break-through time: 480 min Glove thickness: 0.5 mm Material: Chloroprene Break-through time: 480 min Glove thickness: 0.65 mm Material: Butyl rubber. Break-through time: 480 min Glove thickness: 0.7 mm
Skin and Body Protection:	protective clothing
Respiratory Protection:	in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2
Hygiene measures:	Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Remove soiled or soaked clothing immediately.
Environmental Controls:	The environmental regulations on the control and monitoring of environmental exposures are to be observed.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	Viscous Liquid
Color:	yellowish
Odor:	solvent-like
Odor Threshold:	not measured
Freezing point:	not measured
Boiling Point:	not measured
Flammability:	not measured
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	not measured
Explosive limit - lower:	not measured
Flash Point:	34 °C Method: DIN 53213
Auto-ignition temperature:	not measured
Decomposition Temperature:	not measured
pH:	Not applicable

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Viscosity

Dynamic viscosity: 1,300 - 1,700 mPa.s at 25 °C
 Method: DIN 53015

Kinematic viscosity: 1130 - 1478 mm²/s at 25 °C ,
 Method: calculated

Solubility(ies)

Solubility in Water: Insoluble

Solubility (other): not measured

Partition coefficient (n-octanol/water): not measured

Vapor pressure: not measured

Relative density: not measured

Density: 1.11 - 1.15 g/cm³ at 25 °C
 Method: DIN 51757

Relative vapor density: not measured

9.2 Other information

Explosive properties: not measured

Oxidizing properties: not oxidizing

Self-ignition: not measured

Metal Corrosion: Not corrosive to metals

Evaporation Rate: not measured

SECTION 10: Stability and reactivity

10.1 Reactivity: see section "Possibility of hazardous reactions".

10.2 Chemical Stability: The product is stable under normal conditions.

10.3 Possibility of hazardous reactions: Hydrolysis may result in formation of methanol depending on the specific conditions of use.

10.4 Conditions to avoid: Open flames, sparks or input of much heat

10.5 Incompatible Materials: Not known.

10.6 Hazardous Decomposition Products: experiments indicate that small amounts of benzene are evolved when heated to approx. 180°C and above. in the presence of air small amounts of formaldehyde are evolved due to oxidative decomposition when heated to and above 150°C.

SECTION 11: Toxicological information
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11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Information on likely routes of exposure

Inhalation: Information on effects are given below.

Skin Contact: Information on effects are given below.

Product name: SILIKOFTAL® HTF MPA/MBA

Eye contact: Information on effects are given below.

Ingestion: Information on effects are given below.

Acute toxicity (list all possible routes of exposure)
Oral

Product: LD 50, ATEmix, 3,307 mg/kg

Components:

2-methoxy-1-methylethyl acetate LD 50, Rat, Female, Male, 6,190 mg/kg, OECD 401
 LD 50, Rat, Male, 6,190 - 10,000 mg/kg, OECD 401
 methanol LD 50, Rat, Female, 5,155 mg/kg, OECD 401
 LD 50, Rat, 100 mg/kg

Dermal

Product: LD 50, ATEmix, > 5,000 mg/kg

Components:

2-methoxy-1-methylethyl acetate LD 50, Rabbit, Female, Male, > 5,000 mg/kg, OECD 402
 methanol LD 50, Rat, 300 mg/kg

Inhalation

Product: LC 50, ATEmix, 4 h, > 40 mg/l, Vapour
 ATEmix, 24.05 mg/l, Dust and mist

Components:

2-methoxy-1-methylethyl acetate LC 50, Rat, 4 h, > 35.7 mg/l, Vapour
 Dust and mist, Not toxic after single exposure, No data available.
 methanol LC 50, Acute toxicity estimate, 4 h, 3 mg/l, Vapour, Vapour
 LC 50, Acute toxicity estimate, 4 h, > 0.5 mg/l, Dust and mist, Dust and mist

Repeated dose toxicity

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate No data available.
 methanol No data available.

Skin Corrosion/Irritation

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate Not irritating, OECD 404, Rabbit
 methanol Not irritating, Rabbit, Literature

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate Not irritating, OECD 405, Rabbit
 methanol Not irritating, Rabbit

Respiratory or Skin Sensitization

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer.
 methanol Maximization Test, OECD 406, Guinea Pig, Not a skin sensitizer.

Carcinogenicity

Product name: SILIKOFTAL® HTF MPA/MBA

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate No data available.
 methanol Not classified

Germ Cell Mutagenicity

No data available.

In vitro

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate No data available.
 methanol Ames test, OECD 471: , negative
 gene mutation test, OECD 476: , negative
 Micronucleus test: , negative

In vivo

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate No data available.
 methanol Micronucleus test, OECD 474, Intraperitoneal, Mouse, Female, Male, negative
 Chromosomal aberration, Intraperitoneal, Mouse, Female, Male, negative

Reproductive toxicity

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate No data available.
 methanol Not classified

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate Inhalation - vapor, Central nervous system., Category 3 with narcotic effects.
 methanol Dermal Oral Inhalation - vapor, optic nerve, Central nervous system., Category 1 Causes damage to organs.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate No data available.
 methanol No data available.

Aspiration Hazard

Product: Not classified

Components:

Product name: SILIKOFTAL® HTF MPA/MBA

2-methoxy-1-methylethyl acetate	Not classified
methanol	Not classified

11.2 Information on other hazards
Other information

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity:
Acute hazards to the aquatic environment:
Fish

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate	LC 50, Oncorhynchus mykiss, 96 h, > 100 - 180 mg/l OECD 203 NOEC, Oncorhynchus mykiss, 96 h, 100 mg/l OECD 203
methanol	LC 50, Bluegill Sunfish, 96 h, 15,400 mg/l US-EPA-method, Literature

Aquatic Invertebrates

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate	EC 50, Daphnia magna, 48 h, > 500 mg/l Tested according to Annex V of Directive 67/548/EEC.
methanol	EC 50, Daphnia magna, 96 h, 18,260 mg/l OECD 202, Literature

Toxicity to Aquatic Plants

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate	EC 50 (Algae (Pseudokirchneriella subcapitata), 96 h): > 1,000 mg/l (OECD 201)
methanol	EC 50 (Selenastrum capricornutum (green algae), 96 h): Approximate 22,000 mg/l (OECD 201) Literature

Toxicity to microorganisms

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate	EC 10, activated sludge, 0.5 h, > 1,000 mg/l, OECD 209
methanol	EC 50, activated sludge, 3 h, > 1,000 mg/l, OECD 209, Literature

Toxicity to soil dwelling organisms

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate	No data available.
methanol	LC 50 (Eisenia fetida (earthworms), 48 h): (OECD 207)

Toxicity to terrestrial organisms

Product: No data available.

Components:

2-methoxy-1-methylethyl acetate	No data available.
methanol	No data available.

Product name: SILIKOFTAL® HTF MPA/MBA

Chronic hazards to the aquatic environment:

Fish

Product:	No data available.
Components:	
2-methoxy-1-methylethyl acetate	NOEC, Oryzias latipes, 14 d, 47.5 mg/l, OECD 204 LC 50, Oryzias latipes, 14 d, 63.5 mg/l, OECD 204
methanol	No data available.

Aquatic Invertebrates

Product:	No data available.
Components:	
2-methoxy-1-methylethyl acetate	NOEC, Daphnia magna, 21 d, 100 mg/l, OECD 211 EC 50, Daphnia magna, 21 d, > 100 mg/l, OECD 211
methanol	No data available.

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
2-methoxy-1-methylethyl acetate	NOEC (Algae (Pseudokirchneriella subcapitata), 96 h): 1,000 mg/l (OECD 201)
methanol	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	
2-methoxy-1-methylethyl acetate	EC 10, activated sludge, 0.5 h, > 1,000 mg/l, OECD 209
methanol	EC 50, activated sludge, 3 h, > 1,000 mg/l, OECD 209, Literature

Toxicity to soil dwelling organisms

Product:	No data available.
Components:	
2-methoxy-1-methylethyl acetate	No data available.
methanol	No data available.

Toxicity to terrestrial organisms

Product:	No data available.
Components:	
2-methoxy-1-methylethyl acetate	No data available.
methanol	No data available.

12.2 Persistence and Degradability

Biodegradation

Product:	No data available.
Components:	
2-methoxy-1-methylethyl acetate	83 %, 28 d, OECD 301 F, The product is easily biodegradable., aerobic
methanol	98 %, 28 d, (DOC; modif. OECD screening test / OECD 301 E), Own study The product is easily biodegradable., aerobic

12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
Components:	

Product name: SILIKOFTAL® HTF MPA/MBA

2-methoxy-1-methylethyl acetate	No data available.
methanol	Leuciscus idus (Golden orfe), < 10, Measured, No significant bioaccumulation.

Partition Coefficient n-octanol / water (log Kow)
Product: not measured

Components:

2-methoxy-1-methylethyl acetate	No data available.
methanol	-0.77

12.4 Mobility in soil:
Product No data available.

Components:

2-methoxy-1-methylethyl acetate	No data available.
methanol	soil - Log Koc: 1 calculated) Not expected to adsorb on soil.

12.5 Results of PBT and vPvB assessment:
Product No data available.

Components:

2-methoxy-1-methylethyl acetate	Non-classified vPvB substance, Non-classified PBT substance
methanol	Non-classified vPvB substance, Non-classified PBT substance

12.6 Other adverse effects:
Other hazards
Product: Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations
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13.1 Waste treatment methods
General information: No data available.

Disposal methods: In accordance with local authority regulations, take to special waste incineration plant

Contaminated Packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

SECTION 14: Transport information
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14.1 UN/ID No.

ADR	:	UN 1866
RID	:	UN 1866
IMDG	:	UN 1866
IATA	:	UN 1866

14.2 UN proper shipping name

Product name: SILIKOFTAL® HTF MPA/MBA

ADR : RESIN SOLUTION
RID : RESIN SOLUTION
IMDG : RESIN SOLUTION
IATA : Resin solution

14.3 Transport hazard class(es)

ADR : 3
RID : 3
IMDG : 3
IATA : 3

14.4 Packing group

ADR
Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3
Tunnel restriction code : (D/E)

RID
Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3

IMDG
Packing group : III
Labels : 3
EmS Code : F-E, S-E
Remarks : Stowage category A

IATA (Cargo aircraft only)

Packing instruction (cargo aircraft) : 366
Packing instruction (LQ) : Y344
Packing group : III
Labels : 3

IATA (Passenger and cargo aircraft)

Packing instruction (passenger aircraft) : 355
Packing instruction (LQ) : Y344
Packing group : III
Labels : 3

14.5 Environmental hazards

ADR
Environmentally hazardous : no

RID
Environmentally hazardous : no

IMDG
Marine pollutant : no

Product name: SILIKOFTAL® HTF MPA/MBA

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:

EU Regulations

EU. REACH Annex XIV, Substances Subject to Authorization: None present or none present in regulated quantities.

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: None present or none present in regulated quantities.

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: None present or none present in regulated quantities.

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: None present or none present in regulated quantities.

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I:

Classification	Lower-tier Requirements	Upper-tier Requirements
P5c. Flammable liquids	5,000 t	50,000 t

15.2 Chemical safety assessment: No chemical safety assessment was carried out for this product.

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

SECTION 16: Other information

Abbreviations and acronyms:

EH40 WEL:

EH40 WEL / STEL:

EH40 WEL / TWA:

UK. EH40 Workplace Exposure Limits (WELs), as amended

Short Term Exposure Limit (STEL):

Time Weighted Average (TWA):

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland

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Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Key literature references and sources for data: No data available.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 as amended.	Classification procedure
Flammable liquids, Category 3	On basis of test data

Wording of the statements in section 2 and 3

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs.

Training information: Comply with national laws regulating employee instruction.

Revision Information Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Product name: SILIKOFTAL® HTF MPA/MBA

Disclaimer:

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