

**SAFETY DATA SHEET**  
(according to EC directive 93/112/EC)

Version: 3.0

Update : 30.06.2004  
Date : 16.01.2009**SILIKOFTAL HTL 2/MPA****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Trade name : SILIKOFTAL HTL 2/MPA

Information on manufacturer/supplier : Evonik Tego Chemie GmbH  
Goldschmidtstr. 100  
45127 Essen  
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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical characterization : Phenyl Methyl Polysiloxane

Hazardous components :

Components	CAS-No.	EINECS	Symbol(s):	R-phrases(s)	Concentration [%]
2-methoxy-1-methylethyl acetate	108-65-6	203-603-9	<b>Xi</b>	10-36	40
ethanol; ethyl alcohol	64-17-5	200-578-6	<b>F</b>	11	> 1 - < 2

**3. HAZARDS IDENTIFICATION**

Irritant

**Risk advice to man and the environment**

Flammable.

Irritating to eyes.

**4. FIRST AID MEASURES**

After inhalation : Remove the casualty into fresh air and keep him calm.

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- After contact with skin : Remove soiled or soaked clothing immediately.  
In case of contact with skin wash off immediately with soap and water
- After contact with eyes : In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
- After ingestion : drink large quantities of water with activated carbon, do not induce vomiting; consult a physician. Show this data sheet.

**5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : foam, carbon dioxide, dry powder, water spray.
- Extinguishing media which must not be used for safety reasons : not applicable
- Special hazards from the substance itself, its combustion products or from its vapours : In the event of fire the following can be released:  
- Carbon monoxide, carbon dioxide, silicon dioxide
- Special protective equipment for firefighters : Do not inhale explosion and/or combustion gases

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Keep away sources of ignition.  
Use personal protective equipment.
- Environmental precautions : Do not allow to enter drains
- Methods for cleaning up/taking up : Take up with absorbent material (eg sand, kieselguhr, universal binder)  
Dispose of absorbed material in accordance with the regulations.

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## 7. HANDLING AND STORAGE

### Handling

Advice on safe handling : Provide good ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion : Keep away from sources of ignition - no smoking  
Take precautionary measures against electrostatic loading.  
Vapours may form explosive mixtures with air  
Cool endangered containers by water spray

### Storage

Further information : Keep container tightly closed

German storage class : 3A

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Type / Update	Value	Extreme value	Remarks
2-methoxy-1-methylethyl acetate	108-65-6	TRGS 900 / 2004	50 ml/m3 270 mg/m3	=1=	There is no fear of a risk of harm to the unborn child if TLV is observed.
ethanol; ethyl alcohol	64-17-5	TRGS 900 / 2004	500 ml/m3 960 mg/m3	4	There is no fear of a risk of harm to the unborn child if TLV is observed.

### Personal protection equipment

General protective measures : Avoid contact with eyes

Hygiene measures : At work do not eat, drink, smoke or take drugs.  
Wash hands before breaks and after work.  
Remove soiled or soaked clothing immediately.

Respiratory protection : in case of formation of vapours/dusts:  
Short term: filter apparatus, combination filter A-P2

Hand protection : gloves made of chloroprene (CR, e.g. Neoprene)

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Eye protection : tightly fitting safety glasses

Skin and body protection : light protective clothing

**9. PHYSICAL AND CHEMICAL PROPERTIES**Form : Liquid  
Colour : yellow, clear  
Odour : ester-like

Melting temperature : not measured

Boiling temperature : not measured

Flash point : 36 °C  
Method: DIN 53213

Ignition temperature : not measured

Lower explosion limit : not measured

Upper explosion limit : not measured

Vapour pressure : not measured

Density : approx. 1,1 g/cm<sup>3</sup>  
at 25 °C  
Method: DIN 51757

Water solubility : insoluble

pH : not measured

Viscosity, dynamic : 900 - 1.100 mPa.s  
at 25 °C  
Method: DIN 53015 (Höppler)

Further information : experiments indicate that small amounts of benzene are evolved when heated to approx. 180°C and above.

**10. STABILITY AND REACTIVITY**

Thermal decomposition : Not measured

Hazardous reactions : No hazardous reactions with proper storage and handling.

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Hazardous decomposition products : None with proper storage and handling.

## 11. TOXICOLOGICAL INFORMATION

Note : Irritant to eyes.

## 12. ECOLOGICAL INFORMATION

### Further ecological information

Note : The product is considered to be a weak water pollutant (German law).  
Do not allow to enter soil, waterways or waste water canal.

## 13. DISPOSAL CONSIDERATIONS

Product : 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.

## 14. TRANSPORT INFORMATION

### Land transport

ADR:

Not regulated

RID:

Not regulated

### Inland waterway transport

ADNR:

Not regulated

### Sea transport

IMDG:

Class

: 3

Packaging group

: III

UN-No: 1866

EmS

: F-E S-E

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Correct technical name : RESIN SOLUTION  
Hazard release :  
Label : 3 flammable liquid

**Air transport**

ICAO/IATA:  
Class : 3  
Packaging group : III UN-No: 1866  
Correct technical name : Resin solution  
Hazard release :  
Label : 3 Flammable Liquid

**15. REGULATORY INFORMATION**

Labelling in accordance with GefStoffV/EC : The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Hazard symbol(s) :   
Xi  
Irritant

R-phrase(s) : 10 Flammable.  
36 Irritating to eyes.

S-phrase(s) : 16 Keep away from sources of ignition --- No smoking.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
39 Wear eye/face protection.

**National legislation**

Risk classification according to German VbF : German regulations on flammable substances: is not subjected to the regulations on flammable substances.

TA Luft (Germany) : Class: Paragraph 5.2.5 (no class)

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Observe local authority : 6  
regulations corresponding to  
the german incident regulation  
(StörfallV).

Water Hazard Class : 1 (self-classification (WGK;Germany))  
(Germany)

Other regulations : Special local regulations must be adhered to when using products  
containing irritating or corrosive substances.

**16. OTHER INFORMATION**

none

**R-phrases of components from chapter 2 - Full wording**

10 Flammable.  
11 Highly flammable.  
36 Irritating to eyes.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Changes compared to the previous version are marked before the section number!