

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.09.2015

Version number 1

Revision: 18.09.2015

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

#### 1.1 Product identifier

Trade name: **Locher Paste Solar**

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

Application of the substance / the mixture Sealing compound

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

##### Manufacturer/Supplier:

VISCOTEX  
Locher + Co. AG  
Bafflesstrasse 5  
CH-9450 Altstätten  
Phone: +41 71 757 60 60

Further information obtainable from: info@viscotex.ch

#### 1.4 Emergency telephone number:

Tox Info Suisse  
emergency number 24h:  
+41 (0)44 251 51 51 (from abroad) Short-No. 145 (from Switzerland only)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void

##### Additional information:

EUH208 Contains benzotriazolamine derivatives. May produce an allergic reaction.

#### 2.3 Other hazards

No further relevant information available.

##### Results of PBT and vPvB assessment

**PBT:** According to current knowledge, the product contains no PBT substance.**vPvB:** According to current knowledge, the product contains no vPvB substance.

### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterization:

**Description:** Mixture of substances listed below with nonhazardous additions.

##### Dangerous components:

CAS: 108-32-7 EINECS: 203-572-1 Reg.nr.: 01-2119537232-48-0000	propylene carbonate ⚠ Eye Irrit. 2, H319	1-2,5%
EC number: 939-700-4 Reg.nr.: 01-2119982395-25-xxxx	benzotriazolamine derivatives ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	0,1-1%

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CAS: 110-25-8 EINECS: 203-749-3	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H332; Skin Irrit. 2, H315	0,1-1%
CAS: 95-38-5 EINECS: 204-414-9 Reg.nr.: 01-2119777867-13-xxxx	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol STOT RE 2, H373; Skin Corr. 1C, H314; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410; Acute Tox. 4, H302	0,1-1%
CAS: 122-39-4 EINECS: 204-539-4	diphenylamine Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT RE 2, H373; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≤ 0,1%

**SVHC** According to current knowledge no SVHC contained.**Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:** No special measures required.**After inhalation:** Move individual to fresh air, seek medical advice in case of complaints.**After skin contact:** Wash with plenty of soap and water.**After eye contact:**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

**After swallowing:** If symptoms persist consult doctor.

#### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.**6.2 Environmental precautions:** No special measures required.**6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.

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Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling** No special measures required.**Information about fire - and explosion protection:** No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Protect from frost.

Protect from heat and direct sunlight.

Keep ignition sources away - Do not smoke.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****122-39-4 diphenylamine**

MAK (Switzerland)	Long-term value: 10 e mg/m <sup>3</sup> H SSc;
AGW (Germany)	Long-term value: 5 E mg/m <sup>3</sup> 2 (II);DFG, Y, H

**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.**Protection of hands:** Avoid prolonged contact. Protective gloves recommended.**Material of gloves**

Protective gloves must be compliant with the specifications of EU Directive 89/686/EEC and be in accordance with the standard EN374. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Eye protection:** Not required.

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**Limitation and supervision of exposure into the environment**

Do not allow to enter sewers/ surface or ground water.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Paste-like
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

pH-value: Not applicable.

**Change in condition**

<b>Melting point/Melting range:</b>	Not determined.
<b>Boiling point/Boiling range:</b>	Not determined.

Flash point: Not determined.

Flammability (solid, gaseous): Not determined.

Ignition temperature: Not applicable.

**Decomposition temperature:** Not determined.**Self-igniting:** Product is not self-igniting.**Danger of explosion:** Product does not present an explosion hazard.**Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Oxidising properties</b>	Not determined.

Vapour pressure: Not applicable.

**Density:**

<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not applicable.

**Solubility in / Miscibility with****water:** Insoluble.**Partition coefficient (n-octanol/water):** Not applicable.**Viscosity:**

<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.

**Solvent content:**

<b>VOC (EC)</b>	Not determined.
<b>VOCV (CH)</b>	Not determined.

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**9.2 Other information**

No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.**10.2 Chemical stability** No decomposition if used according to specifications.**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid:** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity** Based on the ingredients not classified as acute toxic.**LD/LC50 values relevant for classification:** No further relevant information available.**Primary irritant effect:****Skin corrosion/irritation** No irritating effect.**Serious eye damage/irritation** No irritating effect.**Respiratory or skin sensitisation** Sensitisation possible through skin contact.**Repeated dose toxicity** No further relevant information available.**CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** No CMR effects known.**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** According to current knowledge, the product contains no PBT substance.**vPvB:** According to current knowledge, the product contains no vPvB substance.**12.6 Other adverse effects** No further relevant information available.

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation:**

Disposal must be made according to official regulations.

Do not allow product to reach ground water, water course or sewage system.

**European waste catalogue**

The Swiss waste code is identical.

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

**Uncleaned packaging**
**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

<b>14.1 UN-Number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA <i>Class</i>	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b> Marine pollutant:	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	
<b>ADR</b> <i>Remarks:</i>	Not classified.
<b>IMDG</b> <i>Remarks:</i>	Not classified
<b>IATA</b> <i>Remarks:</i>	Not classified

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**UN "Model Regulation":** -

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**National regulations:**
**Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

The information and data given in this safety data sheet are based on the current state of our knowledge at the publishing date indicated in this safety data sheet. The safety data sheet shall give you indications for the safe storage, handling, transport and disposal of the mentioned product. The information and data do not apply for any other products than the one declared in this safety data sheet. The information and data in this safety data sheet provides the safety requirements, but do not represent an assurance of product specifications.

**Relevant phrases**

H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H311 Toxic in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H331 Toxic if inhaled.  
 H332 Harmful if inhaled.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H411 Toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 Acute Tox. 3: Acute toxicity, Hazard Category 3  
 Acute Tox. 4: Acute toxicity, Hazard Category 4  
 Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C  
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

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Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B  
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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