



#### ▶ SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Name of product: SK2TR300-1  
Article: Mould sealer  
Company name: VIK-COMPOSITE GmbH  
Street/POB No: Forststrasse, 31  
State/city/postal code: 73529 Strassdorf (Schwäbisch Gmünd)  
Germany  
Telephone: + 49 71718742923  
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E-mail: [sales@vik-composite.com](mailto:sales@vik-composite.com)  
Description: Sealer

#### ▶ SECTION 2: HAZARDS IDENTIFICATION

##### Classification of the substance or mixture

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

|                   |   |
|-------------------|---|
| Flam. Liq. 2      | H225 Highly flammable liquid and vapour.                                |
| Skin Irrit. 2     | H315 Causes skin irritation.  |
| Eye Irrit. 2      | H319 Causes serious eye irritation.                                     |
| Repr. 2           | H361 Suspected of damaging fertility or the unborn child.               |
| STOT SE 3         | H335 May cause respiratory irritation.                                  |
| STOT RE 2         | H373 May cause damage to organs through prolonged or repeated exposure. |
| Asp. Tox. 1       | H304 May be fatal if swallowed and enters airways.                      |
| Aquatic Chronic 3 | H412 Harmful to aquatic life with long lasting effects..                |

##### 2.2 Label elements

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

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms



GHS02



GHS07



GHS08

##### Signal word Danger

##### Hazard-determining components of labelling:

xylene  
Dimethoxydimethylsilane  
Naphtha (petroleum), light alkylate

##### Hazard statements

H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H304 May be fatal if swallowed and enters airways.



H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Additional information:

Contains dioctyltin oxide, trimethoxyvinylsilane. May produce an allergic reaction.

#### 2.3 Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

#### Determination of endocrine-disrupting properties

870-08-6 dioctyltin oxide: List II

### ▶ SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

**Description:** Mixture consisting of the following components

#### Dangerous components:

|                   |   |           |
|-------------------|---|-----------|
| CAS: 1330-20-7    | xylene  | 20%       |
| EINECS: 215-535-7 | ☠ Flam. Liq. 3, H226; ☠ STOT RE 2, H373; Asp. Tox. 1, H304; ☠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335        |           |
| CAS: 2530-83-8    | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane  | 10-20%    |
| EINECS: 219-784-2 | ☠ Flam. Liq. 3, H226  |           |
| CAS: 107-46-0     | Crosslinker   | 10-20%    |
| EINECS: 203-492-7 | Skin Irrit. 2, H315; Eye Irrit. 2, H319   |           |
| CAS: 64741-66-8   | hexamethyldisiloxane  | 10-20%    |
| EINECS: 265-068-8 | ☠ Flam. Liq. 2, H225  |           |
| CAS: 1112-39-6    | Naphtha (petroleum), light alkylate   | ≥5-<10%   |
| EINECS: 214-189-4 | ☠ Flam. Liq. 2, H225; ☠ Asp. Tox. 1, H304; ☠ Aquatic Chronic 2, ☠ H411; Skin Irrit. 2, H315; STOT SE 3, H336  |           |
| CAS: 64-17-5      | Dimethoxydimethylsilane   | 5-10%     |
| EINECS: 200-578-6 | ☠ Flam. Liq. 2, H225; ☠ Repr. 2, H361   |           |
| CAS: 29387-86-8   | ethanol   | 5-10%     |
| EINECS: 249-598-7 | ☠ Flam. Liq. 2, H225  |           |
| CAS: 3179-76-8    | butoxypropan-1-ol   | 5-<10%    |
| EINECS: 221-660-8 | ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319   |           |
| CAS: 870-08-6     | 3-(diethoxymethylsilyl)propylamine  | 1-2.5%    |
| EINECS: 212-791-1 | ☠ Flam. Liq. 3, H226; ☠ Skin Corr. 1B, H314   |           |
| CAS: 2768-02-7    | dioctyltin oxide  | 0.1-<1%   |
| EINECS: 220-449-8 | ☠ Flam. Liq. 3, H226; ☠ Resp. Sens. 1, H334; Repr. 2, H361; STOT RE 1, H372; ☠ Skin Corr. 1B, H314; ☠ Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412 |           |
|                   | trimethoxyvinylsilane   | 0.1- 0.2% |
|                   | ☠ Skin Sens. 1B, H317   |           |

**Additional information:** For the wording of the listed hazard phrases refer to section 16.



#### ▶ SECTION 4: FIRST AID MEASURES

##### 4.1 Description of first aid measures

###### General information:

Take affected persons out into the fresh air.

Immediately remove any clothing soiled by the product.

**After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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

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

Headache

Dizziness

Nausea

**Hazards** Danger of pulmonary oedema.

##### 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.

Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents: Water with full jet**

##### 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

During heating or in case of fire poisonous gases are produced.

##### 5.3 Advice for firefighters

###### Protective equipment:

Wear fully protective suit.

Wear self-contained respiratory protective device.

Mount respiratory protective device.

**Additional information:** Collect contaminated firefighting water separately. It must not enter the sewage system.

#### ▶ SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective clothing.

Keep away from ignition sources.

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

##### 6.2 Environmental precautions:

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

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

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

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.



#### 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

Store in cool, dry place in tightly closed receptacles.  
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

##### Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.

##### 7.2 Conditions for safe storage, including any incompatibilities

###### Storage:

###### Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor.

Store in a cool location.

Information about storage in one common storage facility: **Not required.**

###### Further information about storage conditions:

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Keep container tightly sealed.

Store in cool, dry conditions in well-sealed receptacles.

**Storage class:** 3

**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:

###### **1330-20-7 xylene (20%)**

IOELV Short-term value: 442 mg/m<sup>3</sup>, 100 ppm

Long-term value: 221 mg/m<sup>3</sup>, 50 ppm

Skin

**Additional information:** The lists valid during the making were used as basis.

##### 8.2 Exposure controls

**Appropriate engineering controls:** No further data; see section 7.

###### **Individual protection measures, such as personal protective equipment**

###### **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the eyes and skin.

###### **Respiratory protection:**

Filter AX

Filter A/P3

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.



#### Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies

from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove

material cannot be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye/face protection



Tightly sealed goggles

Body protection: Protective work clothing

### ▶ SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

##### General Information

Appearance:

Form:

Fluid

Colour:

Colourness

Odour:

Characteristic

Odour threshold:

Not determined

Melting point/freezing point:

Undetermined

Boiling point or initial boiling point and

boiling range:

36°C (64741-66-8 Naphtha (petroleum), light alkylate)

Flammability:

Highly flammable

Lower and upper explosion limit

Lower:

1.1 Vol % (1330-20-7 xylene)

Upper:

7 Vol % (1330-20-7 xylene)

Flash point:

-1 °C (107-46-0 hexamethyldisiloxane)

Auto-ignition temperature:

260°C (29387-86-8 butoxypropan-1-ol)

Decomposition temperature:

Not determined

pH

Mixture is non-soluble (in water)

Viscosity:

Kinematic viscosity:

Not determined

Dynamic:

Not determined

Solubility

In water:

Fully miscible

Partition coefficient n-octanol/water (log value)

Not determined

Vapour pressure at 20°C:

6.7-8.2 hPa (1330-20-7 xylene)

Density and/or relative density

Density at 20°C:

~0.9 g/cm<sup>3</sup>

Relative density:

Not determined

Vapour density:

Not determined



#### 9.2 Other information

##### Appearance:

Form: Fluid

Important information on protection of health and environment, and on safety.

Ignition temperature:

Product is not selfigniting

Explosive properties:

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Change in condition

Evaporation rate: Not determined

Information with regard to physical hazard classes

Explosives: Void

Flammable gases: Void

Aerosols: Void

Oxidizing gases: Void

Gases under pressure: Void

Flammable liquids: Highly flammable liquid and vapour

Flammable solids: Void

Self-reactive substances and mixtures: Void

Pyrophoric liquids: Void

Pyrophoric solids: Void

Self-heating substances and mixtures: Void

Substances and mixtures, which emit flammable gases in contact with water: Void

Oxidizing liquids: Void

Oxidizing solids: Void

Organic peroxides: Void

Corrosive to metals: Void

Desensitized explosives: Void

#### ► SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:** No further relevant information available.

##### 10.2 Chemical stability

**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 hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity:** Based on available data, the classification criteria are not met.

##### LD/LC50 values relevant for classification:

###### 1330-20-7 xylene

Oral LD50 4,300 mg/kg (Rat)

Dermal LD50 2,000 mg/kg (Rabbit)

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Causes serious eye irritation.

**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

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



**Reproductive toxicity:** Suspected of damaging fertility or the unborn child.

**STOT-single exposure:** May cause respiratory irritation.

**STOT-repeated exposure:** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard:** May be fatal if swallowed and enters airways.

#### 11.2 Information on other hazards

##### Endocrine disrupting properties

870-08-6 dioctyltin oxide: List II

### ▶ 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:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties:** For information on endocrine disrupting properties see section 11.

#### 12.7 Other adverse effects

**Remark:** Harmful to fish

#### **Additional ecological information:**

##### **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

### ▶ SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

**Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### **Uncleaned packaging:**

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

### ▶ SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number or ID number

ADR, IMDG, IATA

UN1993

#### 14.2 UN proper shipping name

ADR

1993 FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50°C not more than 110 kPa)  
(hexamethyldisiloxane, Naphtha (petroleum), light alkylate)

IMDG, IATA

FLAMMABLE LIQUID, N.O.S. (hexamethyldisiloxane, Naphtha (petroleum), light alkylate)

#### 14.3 Transport hazard class(es)

ADR, IMDG, IATA







# MATERIAL SAFETY DATA SHEET

## SK2TR300-1

### Mould sealer

|   |   |
|---|---|
| <b>Class</b>  | 3 Flammable liquids   |
| <b>Label</b>  | 3   |
| <b>14.4 Packing group</b>                               |   |
| <b>ADR, IMDG, IATA</b>                                  |   |
| <b>14.5 Environmental hazards:</b>                      |   |
| <b>Marine pollutant:</b>                                | No  |
| <b>14.6 Special precautions for user:</b>               | Warning: Flammable liquids.   |
| <b>Hazard identification number (Kemler code):</b>      | 33  |
| <b>EMS Number:</b>                                      | F-E,S-E   |
| <b>Stowage Category:</b>                                | B   |
| <b>14.7 Maritime transport in bulk according to IMO</b> |   |
| <b>Instruments:</b>                                     | Not applicable  |
| <b>Transport/Additional information:</b>                |   |
| <b>ADR</b>  |   |
| <b>Limited quantities (LQ) :</b>                        | 1L  |
| <b>Excepted quantities (EQ) :</b>                       | Code: E2  |
| <b>Maximum net quantity per inner packaging:</b>        | 30 ml   |
| <b>Maximum net quantity per outer packaging:</b>        | 500 ml  |
| <b>Transport category:</b>                              | 2   |
| <b>Tunnel restriction code:</b>                         | D/E   |
| <b>IMDG</b>   |   |
| <b>Limited quantities (LQ) :</b>                        | 1L  |
| <b>Excepted quantities (EQ) :</b>                       | Code: E2  |
| <b>Maximum net quantity per inner packaging:</b>        | 30 ml   |
| <b>Maximum net quantity per outer packaging:</b>        | 500 ml  |
| <b>UN "Model Regulation":</b>                           | UN 1993 FLAMMABLE LIQUID, N.O.S. (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA) (HEXAMETHYLDISILOXANE, NAPHTHA (PETROLEUM), LIGHT ALKYLATE), 3, II |

#### ▶ 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.

**Seveso category:** P5c FLAMMABLE LIQUIDS

**Qualifying quantity (tonnes) for the application of lower-tier requirements:** 5,000 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements:** 50,000 t

**REGULATION (EC) No 1907/2006 ANNEX XVII:** Conditions of restriction: 3, 20

#### Regulation (EU) No 649/2012

870-08-6 dioctyltin oxide: Annex I Part 1

#### DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II

None of the ingredients is listed.

#### REGULATION (EU) 2019/1148

#### Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

#### Annex II – REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.





#### **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

#### **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

#### **National regulations:**

#### **Technical instructions (air):**

#### **Class share in %**

**NK 20-50**

**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 contained herein is based on our knowledge at the date above and refer only to product indicated and constitutes no guarantee of particular quality.

User is responsible for determining whether the VIK-COMPOSITE product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a VIK-COMPOSITE product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the VIK-COMPOSITE product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

#### **Relevant phrases**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

#### **Abbreviations and acronyms:**

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1



# MATERIAL SAFETY DATA SHEET

**SK2TR300-1**

**Mould sealer**

Skin Sens. 1B: Skin sensitisation – Category 1B

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3