



▶ SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Name of product: SK2TR300-2
Article: Release agent
Company name: VIK-COMPOSITE GmbH
Street/POB No: Forststrasse, 31
State/city/postal code: 73529 Strassdorf (Schwäbisch Gmünd)
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Description: Release agent

▶ SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Flam. Liq. 4 H227 Combustible liquid.

Label elements

GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms : Void

Signal word Warning

Hazard statements

H227 Combustible liquid

Precautionary statements

P210 Keep away from flames and hot surfaces. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378 In case of fire: Use to extinguish: CO₂, powder or water spray.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB:

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane
540-97-6 Dodecamethylcyclohexasiloxane
556-67-2 octamethylcyclotetrasiloxane

▶ SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Chemical characterization: Mixtures

Description: Resin mixture

Dangerous components:

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane	>50%
vPvB	
Flam. Liq. 4, H227	
556-67-2 octamethylcyclotetrasiloxane	≤1%
vPvB	
Flam. Liq. 3, H226; Repr. 2, H361; Aquatic Chronic 4, H413	



540-97-6 Dodecamethylcyclohexasiloxane
vPvB

≤1%

SVHC

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

540-97-6 Dodecamethylcyclohexasiloxane

556-67-2 octamethylcyclotetrasiloxane

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

▶ SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air; consult doctor in case of complaints.

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

Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

▶ SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information: Cool endangered receptacles with water spray.

For safety reasons unsuitable extinguishing agents: Water with full jet

▶ SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

Wear protective clothing.

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

Methods and material for containment and cleaning up:

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

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

Handling

Precautions for safe handling: No special precautions are necessary if used correctly.

Information about fire and explosion protection: No special measures required.



Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

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

Further information about storage conditions: Keep container tightly sealed.

Storage class: 10

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

▶ SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

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:

Protective gloves and protective skin cream.

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 protection: Goggles recommended during refilling.

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.

pH-value: Not determined.

Change in condition:



MATERIAL SAFETY DATA SHEET

SK2TR300-2

Release agent

Melting point / Melting range:	Undetermined.
Boiling point / Boiling range:	211 °C
Flash point:	77 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	392 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.7 Vol %
Upper:	0.0 Vol %
Vapour pressure at 20°C:	0.2 hPa
Density at 20 °C:	0.96 g/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	65.0 %
VOC (EC)	65.00 %
Other information:	No further relevant information available.

► SECTION 10: STABILITY AND REACTIVITY

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: React with strong oxidizing agents.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Small quantities of formaldehyde may be formed.

► SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.



When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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

▶ SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

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

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

Harmful to aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB:

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

540-97-6 Dodecamethylcyclohexasiloxane

556-67-2 octamethylcyclotetrasiloxane

Other adverse effects: No further relevant information available.

▶ SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Small quantities can be disposed with household waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

▶ SECTION 14: TRANSPORT INFORMATION

UN-Number

ADR, ADN, IMDG, IATA Void

UN proper shipping name

ADR, ADN, IMDG, IATA Void

Transport hazard class(es)

ADR, ADN, IMDG, IATA

Label

Packing group

ADR, IMDG, IATA Void

Environmental hazards:

Marine pollutant: No

Special precautions for user Not applicable.

Transport in bulk according to

Annex II of Marpol and the IBC Code: Not applicable.



MATERIAL SAFETY DATA SHEET

SK2TR300-2

Release agent

Transport/Additional information : Not dangerous according to the above specifications.
UN "Model Regulation": Void

▶ SECTION 15: REGULATORY INFORMATION

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

GHS label elements The product is classified and labelled according to the Globally Harmonised System (GHS).

Hazard pictograms: Void

Signal word: Warning

Hazard statements

H227 Combustible liquid.

Precautionary statements

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P280 Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378 In case of fire: Use to extinguish: CO₂, powder or water spray.
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P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations:

Technical instructions (air):

Class Share in %

I	≤1
NK	>50

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

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

H226 Flammable liquid and vapour.
H227 Combustible liquid.
H361 Suspected of damaging fertility or the unborn child.
H413 May cause long lasting harmful effect to aquatic life.



MATERIAL SAFETY DATA SHEET

SK2TR300-2
Release agent

Abbreviations and acronyms:

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Repr. 2: Reproductive toxicity – Category 2

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

This sheet cancels and replaces any previous edition.