MATERIAL SAFETY DATA SHEET

SK2TR450-2
Mould Sealer

► SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Name of product:	SK2TR450-2
Article:	Mould Sealer
Company name:	VIK-Composite GmbH
Street/POB No.:	Forststrasse, 31
State/city/postal code:	73529 Strassdorf (Schwäbisch Gmünd) Germany
Telephone:	+49 7171 874 2923
Telefax:	+49 7171 874 2924
E-mail:	sales@vik-composite.com
Description:	Sealer

► SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3	H226	Flammable liquid and vapour.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 2	H411	Toxic 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 GHS09

Signal word Danger

Hazard-determining components of labelling:
Naphtha (petroleum), hydrotreated heavy
Solvent naphtha (petroleum), light arom., < 0,1 % Benzene

Hazard statements

H226	Flammable liquid and vapour.
H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H411	Toxic 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.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

► SECTION 3: COMPOSITION/INFORMATION ON INGRIDIENTS

3.2 Chemical characterisation: Mixtures
Description: Mixture consisting of the following components

Dangerous components:

CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	25-50%
CAS: 64742-95-6 EINECS: 265-199-0	Solvent naphtha (petroleum), light arom., < 0,1 % Benzene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336	25-50%
CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light, < 0,1 % Benzene Flam. Liq. 2, H225; Acute Tox. 3, H331; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	5-<10%

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: Supply fresh air and to be sure call for a doctor**.**
After skin contact: Immediately wash with water and soap and rinse thoroughly.
After eye contact: Rinse opened eye for several minutes under running water.
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: CO2, sand, extinguishing powder. Do not use water.
For safety reasons unsuitable extinguishing agents:
Water
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)
5.3 Advice for firefighters

Protective equipment:
Wear fully protective suit.
Wear self-contained respiratory protective device.

► 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
6.2 Environmental precautions:
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 item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
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
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.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles: Provide solvent resistant, sealed floor.
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.
7.3 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.
8.1 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.

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:
Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Respiratory protection:
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.
Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion
Material of gloves
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 can not 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:

Tightly sealed goggles

► SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition:	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	162 °C
Flash point:	>25 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	210 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:	
Lower:	0,6 Vol %
Upper:	7,5 Vol %
Vapour pressure:	Not determined.
Density at 20 °C:	0,76 g/cm3
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:	91,0 %
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
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 available data, the classification criteria are not met.
LD/LC50 values relevant for classification:

64742-48-9 Naphtha (petroleum), hydrotreated heavy
Oral LD50 >5,000 mg/kg (Ratte)
Dermal LD50 >3,000 mg/kg (rab)

64742-95-6 Solvent naphtha (petroleum), light arom., < 0,1 % Benzene
Oral LD50 >6,800 mg/kg (Ratte)
Dermal LD50 >3,400 mg/kg (rab)
Inhalative LC50/4 h >10.2 mg/l (Ratte)

64742-47-8 Distillates (petroleum), hydrotreated light, < 0.1 % Benzene
Oral LD50 >15,000 mg/kg (Ratte)

64742-49-0 Naphtha (petroleum), hydrotreated light, < 0,1 % Benzene
Oral LD50 >2,000 mg/kg (Ratte)
Dermal LD50 >2,000 mg/kg (rbt)
Inhalative LC50/4 h >5 mg/l (Ratte)
Primary irritant effect:
Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitization: Based on available data, the classification criteria are not met.
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
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: Based on available data, the classification criteria are not met.
STOT-single exposure: May cause respiratory irritation. May cause drowsiness or dizziness.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard
May be fatal if swallowed and enters airways

► 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.
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
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Other adverse effects No further relevant information available.

► SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recommendation
Must be specially treated adhering to official regulations.
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
ADR, IMDG, IATA UN1993
14.2 UN proper shipping name
ADR 1993 FLAMMABLE LIQUID, N.O.S. (not viscous) (Naphtha

	(petroleum), hydrotreated light, < 0,1 % Benzene, Solvent naphtha (petroleum), light arom., < 0,1 % Benzene)
IMDG	FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy, Naphtha (petroleum), hydrotreated light, < 0,1 % Benzene), MARINE POLLUTANT
IATA	FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy, Naphtha (petroleum), hydrotreated light, < 0,1 % Benzene)

14.3 Transport hazard class(es)
ADR, IMDG, IATA

ADR

Class	3 Flammable liquids.
Label	
Label	3

IATA

Class

14.4 Packing group	
ADR, IMDG, IATA	III
14.5 Environmental hazards:	Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated heavy
Marine pollutant:	Yes Symbol (fish and tree)
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	F-E,S-E
Stowage Category	A
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.

Transport/Additional information:

ADR	5L
Limited quantities (LQ)	Code: E1
Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
IMDG	5L
Limited quantities (LQ)	Code: E1
Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. 3, III

► SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU
Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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

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 GmbH 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 GmbH product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the VIK-Composite GmbH 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.
H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic 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. 3: Acute toxicity – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

This sheet cancels and replaces any previous edition.