

Safety-Data-Sheet

in accordance with (EG) regulation 1907/2006

Product name :	Kaimann sealing compound clear		
Revised :	28.03.2013	Version :	28.04.2015
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Sealing compound - clear

1. Designation of Substance/Composition and Company	
Product name	Kaimann sealing compound clear
Designated use	Silane-modified polymer (SMP) based sealant.
Manufacturer/Supplier	KAIMANN GmbH Hansastraße 2-5 • 33161 Hövelhof • GERMANY Tel.: +49 (0)5257 98 50 - 0 • Fax.: +49 (0)5257 98 50 - 590
Information regarding Safety-Data-Sheet *	Tel.: +49 (0)5257 98 50 - 300 • Fax: +49 (0)5257 98 50 - 625 msds@kaimann.de
Emergency information	Advice Centre for Toxicological Symptoms and Embryonic Toxicology (Toxicological Emergency Number Berlin) Tel.: +49 (0)30 19 24 - 0 • www.giftnotruf.de

2. Possible Risks	
Labelling elements Labelling (67/548/EEC or 1999/45/EC) Particular labelling specific mixtures	101 Safety-Data-Sheet for professionals upon request.
Classification of substance or mixture Classification according to directive 67/548/EEC or 1999/45/EC	None
Other hazards Possible adverse physicochemical effects	None

3. Composition/Component Data	
Hazardous ingredients	
TRIMETHOXY VINYL SILANE	Reach-registration number.: 01-2119513215-52 Registration Number (EC): 220-449-8 CAS-Nr.: 2768-02-7 Percentage: 1 - 5
3-(trimethoxysilyl) Propylamine	% Classification 67/548/EWG: R 10 Xn ; R20 Classification 1272/2008 (CLP): Flam. Liq.3; H226 Acute.Tox. 4 ; H332 Reach-registration number.: 01-2119510159-45 Registration Number (EC): 237-511-5 CAS-Nr.: 13822-56-5 Percentage: 1 - 5 % Classification 67/548/EEC: Xi; R41 Xi; R38 Classification 1272/2008 (CLP): Eye Dam. 1; H318 Skin Irrit. 2; H315
Additional information	Wording of R, H and EUH-phrases is outlined in section 16.

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4. First-Aid Measures	
General information	If medical advice is required, have packaging, label or Safety-Data-Sheet at hand.
After inhalation	Move affected person to fresh air, keep them warm and calm. In case of symptoms seek medical advice.
After skin contact	Wash off using soap and water, rinse thoroughly. In case of skin irritations seek medical advice.
After eye contact	Upon eye contact rinse eyes and lids for about 10 - 15 minutes under running water. If possible remove contact lenses. Continue to rinse. Consult eye specialist.
After ingestion	Call a doctor immediately. When swallowed, rinse mouth with plenty of water (only if person concerned is conscious) and seek immediate medical advice. Minor amounts of toxic methanol are released through hydrolysis.
Most important symptoms and effects - both acute and delayed	None known.
Indication to immediate medical attention and specific treatment	small amounts of toxic methanol are released through hydrolysis.

5. Fire-Fighting Measures	
Suitable extinguishing agents	Carbon dioxide (CO ₂), extinguishing powder, Water spray, alcohol resistant foam.
Unsuitable extinguishing agents	High Power water jet
Specific hazards by the substance, its combustion products or resulting gases its combustion products	Carbon monoxide (CO) and carbon dioxide (CO ₂)
Fire-fighting measures	Do not allow run-off from fire-fighting to enter drains or water courses
Particular protective measures in case of fire	Use suitable breathing apparatus.

6. Accidental-Release Measures	
Personal precautions	Wear personal protective equipment. Avoid skin and eye contact.
Environmental precautions	Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.
Cleaning/Removal measures	Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.
Reference to other sections	See section 8.
Additional information	No hazardous substances are released.

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7. Handling and Storage	
Protective measures for safe handling	No special measures required.
Safe storage conditions allowing for incompatibilities Technical measures and storage conditions	No special measures required.
Information on combined storage	Storage class: 10
Further particulars regarding storage conditions	Protect against Humidity. Containers should be kept dry and sealed.
Specifics in regards to final applications	Sealant based on silane modified polymers. - Observe technical data sheet.

8. Restriction of Ingestion and Personal Protection	
Occupational Exposure Limit Value	
Methanol (as a fission product)	CAS-Nr. 67-56-1 Specification: TRGS 900 (D) Value : 270 mg/m ³ / 200ppm Peak limitation 4(II) Comments: H, Y Version date: 01.02.2006 Reference value category: TWA (EC) Limit: 260 mg/m ³ / 200 ppm Comments: H
Biological limits	
Methanol (as a fission product)	CAS-Nr. 67-56-1 Specification: TRGS 903 (D) Parameter: Methanol / Urine (U) / End of exposure or end of shift respectively Long-term exposure after several previous shifts Limit: 30 mg/l Version date: 01.09.2001
General protection and hygienic measures	Commonly accepted precautionary measures in regards to handling chemicals apply. Do not eat, drink and smoke. Wash hands before breaks and at the end of work. Remove contaminated clothing immediately. Avoid contact with skin, eye and mucous membranes.
Respiratory protection	Generally respiratory protection is not required.

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Hand protection	<p>Wear suitable protective gloves (DIN EN 374)</p> <p>Suitable materials: CR (polychloroprene, chloroprene rubber). NBR (Nitrile rubber). IIR (Butyl caoutchouc / butyl rubber). PVC (Polyvinyl chloride). NR (natural rubber, natural latex).</p> <p>The permeation time (maximum usage time) depends on glove material, thickness as well as temperature. Data for chosen type of glove is available from manufacturer. As a general rule penetration time for mentioned glove materials is > 480 min.</p> <p>Recommended glove brands Appropriate gloves are available e.g. from Mapa-Professionel (F-92205 Neuilly sur Seine - France): STANZOIL® - ULTRANITRIL® (491,492,494 or 495) - INDUSTRIAL® -</p>
Eye protection/face protection	Use safety glasses (DIN EN 166).

9. Physical- and Chemical Properties	
Physical state	Pasty
Colour	clear
Odour	Poor, characteristic
Melting point	Not applicable.
Boiling point	Not applicable.
Density (20° C)	About 1.1 g/cm ³
Water solubility (20°)	Reacts with water
Other information	Not spontaneously inflammable and explosive.

10. Stability and Reactivity	
Reactivity	Product cures with moisture.
Chemical stability	Product is stable under normal conditions.
Hazardous decomposition products	No hazardous decomposition products when stored and handled appropriately.
Possibility of hazardous reactions	None known.
Conditions to be avoided	None known.
Incompatible materials	None known.

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11. Toxicological Data

Sensitisation After skin contact Practical experiences with humans	By analogy to another tested similar product: No irritation after contact with the skin . (H315 is void.)
After inhalation Practical experiences with humans	By analogy to another tested similar product: No irritation after contact to the eyes. (H318 is void.)
Irritation and Corrosivity Primary skin irritation Practical experiences with humans	Irritation possible.
Eye irritation Practical experiences with humans	Irritation possible.

12. Ecological Data

Aquatic toxicity	The mixture was tested in regards to environmental hazards according to the conventional method. If classed environmentally hazardous, see section 2 for details.
Persistence and degradability	No information available.
Bio- accumulation potential	No information available.
Mobility in soil	No information available.
Results of PBT- and vPvB-Assessment	Contains no PBT / vBvP-substance.
Other hazardous effects	No information available.
Additional ecological information	Do not allow uncontrolled discharge of product into the environment.

13. Disposal Consideration

Product	Non-set product to be disposed of via hazardous waste and fully dried or set product via household and commercial waste respectively. Comply with local regulation.
Packaging	Untamminated and fully emptied packaging can be recycled. Contaminated packaging is to be treated like product.
Waste code Waste designation according to EWC [European Waste Catalogue]/ AVV [Ordinance on the List of Waste].	08 04 10*: Waste adhesives and sealants with the exception of those according to 08 04 09. Note: Waste classification may vary according to area of application of product. Please note EC-directive 2001/118/EC.

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14. Transport Data

UN-Number	Non-hazardous material in terms of transport regulations.
Correct UN-shipping name	Non-hazardous material in terms of transport regulations.
Transport hazard class(es)	Non-hazardous material in terms of transport regulations.

Packing Group	Non-hazardous material in terms of transport regulations.
Environmental hazards	Non-hazardous material in terms of transport regulations.
Particular precautions for user	None

15. Regulations

Legal provisions for substance or mixtures	
National Regulations	Observe in addition any national regulations!
Information regarding restriction of employment	Possible restrictions of employment according to Maternity Protection Guideline Regulations or Youth Employment Act are to be complied with.
Technical instructions air	Share (point 5.2.5.I): < 1%
Water Hazard Class (WHC)	1 - (slightly hazardous to water) - classification according to Administrative Regulation on Water Pollutants (VwVwS)
Other regulations, restrictions and prohibition Ordinance Industrial Safety Act (BetrSichV)	Non-flammable liquid according to Ordinance Industrial Safety Act (BetrSichV)
Chemical Safety Assessment	No information available.

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16. Other information	
Note on changes	02. Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Abbreviations and acronyms	BCF - Bioconcentration Factor CMR - Carcinogenic-Mutagenic-toxic for DNEL - Derived No Effect Level EWC - European Waste Catalogue NOEC - No Observed Effect Concentration NOEL - No Observed Effect Level OEL - Occupational Exposure Limit PBT - Persistent, Bioaccumulative, Toxic PNEC - Predicted No Effect Concentration STOT - Specific Target Organ Toxicity SVHC - Substance of Very High Concern vPvB - very Persistent, very Bioaccumulative vPvB Very persistent, very bio-accumulative
Important references and data sources	Regulations for prevention of accidents , safety rules and recommendations provided by professional associations.
Wording of R, H, and EUH-phrases (numbers and full text)	H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H332 Harmful if inhaled. 10 Flammable. 20 Harmful by inhalation. 38 Irritating to skin. 41 Risk of serious damage to eyes.
Training information	None

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