

## SECTION 01: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:**  
STAUF Multilayer
- Article number:  
129130
- Product Group  
1-component elastic adhesive
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Product category  
PC1 Adhesives, sealants
- Application of the substance / the preparation  
Adhesives
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
STAUF Klebstoffwerk GmbH  
Oberhausener Strasse 1  
57234 Wilnsdorf, Germany  
+49-(0)2739-301-0  
+49-(0)2739-301-200
- **1.4 Further information obtainable from:**  
quality management  
QS@stauf.de
- **1.5 Emergency telephone number:**  
CARECHEM24- EU, +44 1235 239670

## SECTION 02: Hazards identification

- **2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008  
Void
- **2.2 Label elements**
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms  
Void
- Signal word  
Void
- Hazard statements  
Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- PBT:  
Not applicable.
- vPvB:  
Not applicable.

## SECTION 03: Composition/information on ingredients

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

- **Dangerous components:**

CAS Number

25322-69-4

Polypropyleneglycol

%

5,00- 12,50

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 **Acute Tox. 4 - H302**

- **Additional information:**

For the wording of the listed risk phrases refer to section 16.

## SECTION 04: First aid measures

- **4.1 Description of first aid measures**
- **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. Then consult a doctor.
- **After swallowing:**  
Do not induce vomiting; call for medical help immediately.
- **Information for 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 05: Firefighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**  
No special measures required.
- **Protective equipment:**  
Mouth respiratory protective device.  
Do not inhale explosion gases or combustion gases.

## SECTION 06: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Wear protective clothing.
- **6.2 Environmental precautions:**  
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).
- **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 07: Handling and storage

- **Handling:**
- **7.1 Precautions for safe handling**  
Use only in well ventilated areas.  
Avoid contact with the eyes.
- **Information about fire - and explosion protection:**  
No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**

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- **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:**  
Keep container tightly sealed.  
Store in dry conditions.
- **7.3 Specific end use(s)**  
No further relevant information available.

## SECTION 08: Exposure controls/personal protection

- **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:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work.
- **Respiratory protection: Not necessary if room is well-ventilated.**
- **Protection of hands:**
  - Material of gloves  
Butyl rubber, BR  
Nitrile rubber, NBR  
Natural rubber, NR
  - 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: Safety glasses**
- **Body protection: Protective work clothing**

## SECTION 09: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	Light beige
<b>Odour:</b>	Weak, characteristic
<b>Odour threshold:</b>	Characteristic
<b>pH-value:</b>	Not determined.

#### Change in condition

<b>Boiling point/Boiling range:</b>	240 °C
<b>Flash point:</b>	201 °C
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	330 °C
<b>Decomposition temperature:</b>	Not determined.
<b>Self-igniting:</b>	Not determined.
<b>Danger of explosion:</b>	Not determined.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

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<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	1,6500 - 1,7500 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water:</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	at 20 °C 70.000 - 90.000 mPa.s
<b>Solvent content:</b>	
<b>Water:</b>	0,00 %
<b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **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:**
- **Additional information:**  
On contact with water (or humidity), small amounts of methanol.

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**  
**2768-02-7 trimethoxyvinylsilane**  
Oral, LD50: 7120 mg/kg (rat)  
Dermal, LD50: 3540 mg/kg (Rabbit)  
Inhalative, LC50/4h: 16,8 mg/l (rat)
- **Primary irritant effect:**
- on the skin:  
No irritant effect.
- on the eye:  
Direct contact to eyes can be irritating.
- **Sensitization:**  
No sensitising effects known.
- **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.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
**2768-02-7 trimethoxyvinylsilane**  
EC50 48h: 168,7 mg/l (daphnie)  
LC50/ 96h: 191 mg/l (fish)
- **12.2 Persistence and degradability**  
No further relevant information available.
- **Behaviour in environmental systems:**
- **12.3 Bioaccumulative potential**  
No further relevant information available.

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- **12.4 Mobility in soil**  
No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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**  
Disposal must be made according to official regulations.
- **European waste catalogue**  
08  
WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS  
08 04  
wastes from MFSU of adhesives and sealants (including waterproofing products)  
08 04 09  
waste adhesives and sealants containing organic solvents or other dangerous substances
- **Uncleaned packaging:**
- **Recommendation:**  
Packaging may be reused or recycled after cleaning.

## SECTION 14: Transport information

- **14.1 UN-Number**  

<b>ADR</b>	Void
<b>IMDG</b>	Void
<b>IATA</b>	Void
- **14.2 UN proper shipping name**  

<b>ADR</b>	Void
<b>IMDG</b>	Void
<b>IATA</b>	Void
- **14.3 Transport hazard class(es)**  

<b>ADR</b>	
<b>Class</b>	Void
<b>IMDG</b>	
<b>Class</b>	Void
<b>IATA</b>	
<b>Class</b>	Void
- **14.4 Packing group**  

<b>ADR</b>	Void
<b>IMDG</b>	Void
<b>IATA</b>	Void
- **14.5 Environmental hazards:**  
Not applicable.

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- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**  
Not applicable.

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:**  
A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H302 Harmful if swallowed.
- **Department issuing MSDS:**  
quality management
- **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)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative