

## 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 hybrid wood flooring 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  
CARECHEM24 International, +44 1865 407333

## 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**  
EUH208 Contains trimethoxyvinylsilane. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
Not applicable.
- **vPvB:**  
Not applicable.

**PRODUCT : STAUF Multilayer**

(Contd. of page 1)

**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**⚠ **Acute Tox. 4 - H302;****Oral: ATE = 500 mg/kg****2768-02-7****Trimethoxyvinylsilane****0,10- <1,00****EC number: 220-449-8****Record number 01-2119513215-52-0003**⚠ **Flam. Liq. 3 - H226;** ⚠ **Acute Tox.****4 - H332, Skin Sens. 1 - H317;****Flam. Liq. 3; H226: C ≥ 3 %, Skin Sens. 1;****H317: C ≥ 1 %**• **Additional information:**

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

**SECTION 04: First aid measures**• **4.1 General information:**

No special measures required.

• **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

• **After skin contact:**

Wash with water and soap.

Generally the product does not irritate the skin.

• **After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

Remove contact lenses, if present and easy to do.

• **After swallowing:**

Do not induce vomiting; call for medical help immediately.

Rinse the mouth with water.

• **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**• **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.• **For safety reasons unsuitable extinguishing agents:**

Water with full jet

• **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**

Do not inhale explosion gases or combustion gases.

• **Protective equipment:**

Wear self-contained respiratory protective device.

• **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**PRODUCT : STAUF Multilayer**

*(Contd. of page 2)*

### SECTION 06: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective clothing.
- **6.2 Environmental precautions:**  
Prevent seepage into sewage system, workpits and cellars.  
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

- **7.1 Precautions for safe handling**  
Use only in well ventilated areas.  
Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:**  
No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **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.  
Protect from heat and direct sunlight.  
Store in dry conditions.
- **7.3 Specific end use(s)**  
No further relevant information available.

### SECTION 08: Exposure controls/personal protection

- **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**
- **Individual protection measures, such as 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, use skin care products.  
Keep away from foodstuffs, beverages and feed.  
Avoid contact with the eyes and skin.
- **Respiratory protection: Not necessary if room is well-ventilated.**
- **Protection of hands: After use of gloves apply skin-cleaning agents and skin cosmetics.**
- **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.

*(Contd. on page 4)*

# Safety data sheet

according to 1907/2006/EC, Article 31



Revision: 18.07.2024

Printing date: 18.07.2024

**PRODUCT : STAUF Multilayer**

(Contd. of page 3)

- Eye/face 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>Important information on protection of health and environment, and on</b>	safety.

**pH** Not determined.

**Boiling point or initial boiling point and boiling range** 394 °C

**Flash point:** 224 °C

**Flammability** Not applicable.

**Ignition temperature:** 330 °C

**Decomposition temperature:** Not determined.

**Auto-ignition temperature:** Not determined.

#### Lower and upper explosion limit

**Lower:** Not determined.

**Upper:** Not determined.

**Vapour pressure:** Not determined.

**Density:** 1,6500 - 1,7500 g/cm<sup>3</sup>

**Vapour density** Not determined.

#### Solubility

**water:** Not miscible or difficult to mix.

**Partition coefficient n-octanol/water (log value)** Not determined.

#### Viscosity:

**Dynamic:** at 20 °C 45.000 - 90.000 mPa.s

**Kinematic viscosity** Not determined.

#### Solvent content:

**VOC (EC)** 0,00 %

**9.2 Other information** No further relevant information available.

#### Density and/or relative density

**Physical state** Fluid

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No further relevant information available.

### 10.2 Chemical stability

Stable if used and stored according to specifications.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

Moisture and water.

Protect from heat and direct sunlight.

### 10.5 Incompatible materials:

No further relevant information available.

### Dangerous reactions

(Contd. on page 5)

**PRODUCT : STAUF Multilayer**

(Contd. of page 4)

- No dangerous reactions known.
- **10.6 Hazardous decomposition products:**  
Does not decompose when used like intended.
- **Additional information:**  
On contact with water (or humidity), formation of small amounts of methanol.

**SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**
- **LD/LC50 values relevant for classification:**
  - 25322-69-4 Polypropyleneglycol**  
Oral, LD50: > 1000 mg/kg (rat)  
Dermal, LD50: > 10000 mg/kg (Rabbit)
  - 2768-02-7 Trimethoxyvinylsilane**  
Oral, LD50: 7012 mg/kg (rat)  
Dermal, LD50: 3760 mg/kg (Rabbit)  
Inhalative, LC50/4h: 17,18 mg/l (ATE)  
Inhalative, LC50/4h: 16,8 mg/l (rat)
- **Primary irritant effect:**
- **Skin corrosion/irritation**  
No irritant effect known or expected.
- **Serious eye damage/irritation**  
Direct contact to eyes can be irritating.
- **Respiratory or skin sensitisation**  
No sensitising effects known.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:**
  - 25322-69-4 Polypropyleneglycol**  
LC50/ 96h: > 100 mg/l (fish)  
EC50/72h: > 100 mg/l (alga)
  - 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.
- **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 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:**  
Not applicable.
- **vPvB:**  
Not applicable.
- **12.7 Other adverse effects**

(Contd. on page 6)

**PRODUCT : STAUF Multilayer**

No further relevant information available.

(Contd. of page 5)

### 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.  
Unhardened product residues are Special Waste.  
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:**

Disposal must be made according to official regulations.  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper  
cleaning.

### SECTION 14: Transport information

- **14.1 UN number or ID number**

**ADR** Void

**IMDG** Void

**IATA** Void

- **14.2 UN proper shipping name**

**ADR** Void

**IMDG** Void

**IATA** Void

- **14.3 Transport hazard class(es)**

**ADR**

**Class** Void

**IMDG**

**Class** Void

**IATA**

**Class** Void

- **14.4 Packing group**

**ADR** Void

**IMDG** Void

**IATA** Void

- **14.5 Environmental hazards:**

Not applicable.

- **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

# Safety data sheet

according to 1907/2006/EC, Article 31



Revision: 18.07.2024

Printing date: 18.07.2024

**PRODUCT : STAUF Multilayer***(Contd. of page 6)*

## 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.
- **Other regulations, limitations and prohibitive regulations**
- **Substances of very high concern (SVHC) according to REACH, Article 57**  
None of the ingredients is listed.
- **Substances of very high concern (SVHC) according to UK REACH**  
None of the ingredients is listed.
- **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**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.

- **Department issuing MSDS:**

quality management

- **Date of previous version:**

13.03.2024

- **Version number of previous version:**

1.00

- **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)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative

- **\* Data compared to the previous version altered.**