

01 Identification of the substance/mixture and of the company undertaking

- **Product identifier**
- **Trade name:**
STAUF SPU 460
- **Article number:**
126110
- **Product Group**
1-component SPU parquet adhesive
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Product category**
PC1 Adhesives, sealants
- **Application of the substance / the preparation**
Adhesives
- **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
- **Further information obtainable from:**
quality management
QS@stauf.de
- **Emergency telephone number:**
CARECHEM24- EU, +44 1235 239670
England, +44 1865 407333

02 Hazards identification

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

03 Composition/information on ingredients

- **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**

04 First aid measures

- **Description of first aid measures**
- **General information:**
No special measures required.
- **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Do not induce vomiting; call for medical help immediately.
- **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.

05 Firefighting measures

- **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**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
No special measures required.
- **Protective equipment:**
Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.

06 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Wear protective clothing.
- **Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **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.

07 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Avoid contact with eyes, skin and clothes.
Use only in well ventilated areas.
- **Information about fire - and explosion protection:**

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No special measures required.

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

08 Exposure controls/personal protection

- **Additional information about design of technical facilities:**
No further data; see item 7.
- **Ingredients with limit values that require monitoring 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.
Wash hands before breaks and at the end of work, use skin care products.
Avoid contact with the eyes and skin.
- **Respiratory protection: Not necessary if room is well-ventilated. Use suitable respiratory protective device in case of insufficient ventilation.**
- **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.
- **Eye protection: Goggles recommended during refilling**
- **Body protection: Protective work clothing**

09 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Light beige
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.

Change in condition

Boiling point/Boiling range:	Undetermined.
Flash point:	228 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	391 °C
Decomposition temperature:	Not determined.

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Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined.
Density:	1,6000 - 1,7000 g/cm3
Solubility in / Miscibility with water:	reacts s.Point 10
Viscosity:	
Dynamic:	at 20 °C 100 - 140 Pa.s
Solvent content:	
VOC (EC)	0,00 %
Solids content:	65,5 %
Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
Handling at room temperature.
- **Possibility of hazardous reactions**
No dangerous reactions known.
- **Conditions to avoid**
humidity and water
- **Incompatible materials:**
No further relevant information available.
- **Hazardous decomposition products:**
No dangerous decomposition products known.
- **Additional information:**
On contact with water (or humidity), small amounts of methanol.

11 Toxicological information

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

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12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**
2768-02-7 trimethoxyvinylsilane
 EC50 48h: 168,7 mg/l (daphnie)
 LC50/ 96h: 191 mg/l (fish)
- **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:**
 Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:**
 Not applicable.
- **vPvB:**
 Not applicable.
- **Other adverse effects**
 No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
 Disposal must be made according to official regulations.
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **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.

14 Transport information

- **UN-Number**

ADR	Void
IMDG	Void
IATA	Void
- **UN proper shipping name**

ADR	Void
IMDG	Void
IATA	Void
- **Transport hazard class(es)**

ADR	
Class	Void

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IMDG**Class** Void**IATA****Class** Void• **Packing group****ADR** Void**IMDG** Void**IATA** Void• **Environmental hazards:**

Not applicable.

• **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

15 Regulatory information

• **Safety, health and environmental regulations/legislation specific for the substance or mixture**• **National regulations:**• **Technical instructions (air):**

• **Class Share in %**
 2.5 5,99
 I

• **Waterhazard class:**

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

• **Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative