



1 Identification

- **Product identifier**
- **Trade name:** STAUF PUM-950
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer:**
STAUF Klebstoffwerk GmbH
Oberhausener Strasse 1
57234 Wilnsdorf, Germany
Phone 01149-273-930-1100
Fax 01149-273-930-1200
- **Distributor:**
STAUF USA, LLC.
11121 Hwy 70 Suite 102
Arlington, TN 38002, USA
Phone 1-901-820-0007
Fax 1-901-820-0101

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonized System (GHS).
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Harmful
Harmful by inhalation.
Flammable.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product has been classified and marked in accordance with directives on hazardous materials.
- **Code letter and hazard designation of product:**
 Xn Harmful
- **Hazard-determining components of labeling:**
trimethoxyvinylsilane
- **Risk phrases:**
Flammable.
Harmful by inhalation.
- **Safety phrases:**
Keep container in a well-ventilated place.
Do not breathe gas/fumes/vapour/spray.

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Do not empty into drains.

Wear suitable protective clothing.

In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

This material and its container must be disposed of as hazardous waste.

• **Classification system:**

• *NFPA ratings (scale 0 - 4)*



Health = 2
Fire = 1
Reactivity = 0

• *WHMIS-ratings (scale 0 - 4)*



Health = 2
Fire = 1
Reactivity = 0

• **Other hazards**

• **Results of PBT and vPvB assessment**

• *PBT:* Not applicable.

• *vPvB:* Not applicable.

3 Composition/information on ingredients

• **Chemical characterization: Mixtures**

• **Description:** Mixture of the substances listed below with nonhazardous additions.

• **Dangerous components:**

2768-02-7	trimethoxyvinylsilane	≤ 2.5%
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• **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

• **Description of first aid measures**

• **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

• **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

• **After skin contact:** Generally the product does not irritate the skin.

• **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

• **After swallowing:** Do not induce vomiting; immediately call for medical help.

• **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.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. CO2, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:**
Water
Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

6 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 product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **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
- **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.

7 Handling and storage

- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Avoid contact with the eyes.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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 receptacle tightly sealed.

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- **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components 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 that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
 - **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
 - **Breathing equipment:**
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.
 - **Protection of hands:** Not required.
 - **Material of gloves**
Butyl rubber, BR
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.
 - **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Fluid
Color:	According to product specification
- **Odor:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**

Boiling point/Boiling range:	301 °C (574 °F)
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- **Flash point:** 185 °C (365 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 330 °C (626 °F)

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- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Not determined.
- **Explosion limits:**
 - Lower: 0.1 Vol %
 - Upper: 0.2 Vol %
- **Vapor pressure:** Not determined.
- **Density at 20 °C (68 °F):** 1.65 g/cm³ (13.769 lbs/gal)
- **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 at 20 °C (68 °F): 150000 mPas
 - Kinematic: Not determined.
- **Solvent content:**
 - Organic solvents: 0.0 %
 - VOC Content: 0.01 %
- **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.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· *LD/LC50 values that are relevant for classification:*

2768-02-7 trimethoxyvinylsilane

Inhalative	LC50 (static)	210 mg/l (Selenastrum capricornutum) (72h)
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- **Primary irritant effect:**
- *on the skin:* No irritant effect.
- *on the eye:* No irritating effect.
- **Sensitization:** No sensitizing effects known.

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· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

· *Carcinogenic categories*

· *IARC (International Agency for Research on Cancer)*

None of the ingredients is listed.

· *NTP (National Toxicology Program)*

None of the ingredients is listed.

· *OSHA-Ca (Occupational Safety & Health Administration)*

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

2768-02-7 trimethoxyvinylsilane

EC10	1000 mg/l (<i>Pseudomonas putida</i>) (5h)
EC50 (static)	169 mg/l (<i>Daphnia magna</i> Wasserfloh) (48h)
NOEC (static)	25 mg/l (<i>Selenastrum capricornutum</i>) (72h)

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· *General notes:*

Water hazard class 1 (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.

· **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:**

Liquid product must not be disposed of together with household garbage. Do not allow product to reach sewage system. If product has aged or solidified conventional means of disposal are acceptable.

· **Uncleaned packagings:**

· *Recommendation:* Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· **DOT, ADR, ADN, IMDG, IATA** Void

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- *Carcinogeny categories*

- *EPA (Environmental Protection Agency)*

None of the ingredients is listed.

- *TLV (Threshold Limit Value established by ACGIH)*

None of the ingredients is listed.

- *MAK (German Maximum Workplace Concentration)*

None of the ingredients is listed.

- *NIOSH-Ca (National Institute for Occupational Safety and Health)*

None of the ingredients is listed.

- **Product related hazard informations:**

- *Hazard symbols:*

The product has been classified and marked in accordance with directives on hazardous materials.

- *Safety phrases:* Keep out of the reach of children.

- **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.

- **Department issuing SDS:** Technical Department

- **Contact:**

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- *Date of preparation / last revision* 10/27/2014 / 3

- *Abbreviations and acronyms:*

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

USA