

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

### 1 Identification

- **Product identifier** STAUF M400 Repair-Link
- **Trade name:** STAUF M400
- **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**
- **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** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have 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 is not subject to identification regulations according to directives on hazardous materials.
- **Safety phrases:**  
This material and its container must be disposed of as hazardous waste.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 1  
Fire = 1  
Reactivity = 1

- **WHMIS-ratings (scale 0 - 4)**



Health = 1  
Fire = 1  
Reactivity = 1

- **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:** Void

(Contd. on page 2)

USA

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

**Trade name:** STAUF M400

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

(Contd. of page 1)

### 4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complications.
- **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:** If symptoms persist consult 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.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Wear protective clothing.
- **Environmental precautions:** 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).
- **Reference to other sections**  
No dangerous substances are released.  
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**  
No special measures required.  
Avoid contact with the eyes.
- **Information about protection against explosions and fires:** No special measures required.
- **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.

(Contd. on page 3)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

**Trade name:** STAUF M400

(Contd. of page 2)

- *Further information about storage conditions:* Store in dry conditions.
- **Specific end use(s)** No further relevant information available.

### 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:*  
The usual precautionary measures for handling chemicals should be followed.  
Wash hands before breaks and at the end of work.
  - *Breathing equipment:* Not necessary if room is well-ventilated.
  - *Protection of hands:* Not required.
  - *Material of gloves:* Butyl rubber, BR
  - *Eye protection:* Goggles recommended during refilling.
  - *Body protection:* Protective work clothing

### 9 Physical and chemical properties

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

<i>Form:</i>	Solid
<i>Color:</i>	Grey
- *Odor:* Weak, characteristic
- *Odour threshold:* Not determined.
- **pH-value:** Not determined.
- **Change in condition**
- *Boiling point/Boiling range:* Undetermined.
- **Flash point:** > 94 °C (> 201 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 355 °C (671 °F)
- *Decomposition temperature:* Not determined.
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**

<i>Lower:</i>	Not determined.
<i>Upper:</i>	Not determined.
- **Vapor pressure:** Not determined.
- **Density at 20 °C (68 °F):** 1.5 g/cm<sup>3</sup> (12.518 lbs/gal)
- *Relative density* Not determined.

(Contd. on page 4)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

**Trade name:** STAUF M400

(Contd. of page 3)

- *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:* Not determined.  
   *Kinematic:* Not determined.
- **Solvent content:**  
   *Organic solvents:* 0.0 %  
   *VOC Content:* 0.00 %
- **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:**  
   · *Primary irritant effect:*  
     · *on the skin:* No irritant effect.  
     · *on the eye:* No irritating effect.  
   · *Sensitization:* No sensitizing effects known.
- **Additional toxicological information:**  
   The product is not subject to classification according to internally approved calculation methods for preparations:  
   When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>
---

None of the ingredients is listed.
------------------------------------

· <b>NTP (National Toxicology Program)</b>
--

None of the ingredients is listed.
------------------------------------

· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
--

None of the ingredients is listed.
------------------------------------

USA

(Contd. on page 5)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

**Trade name:** STAUF M400

(Contd. of page 4)

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- *Recommendation:* Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Void
- **UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Void
- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- *Class* Void
- **Packing group**
- **DOT, ADR, IMDG, IATA** Void
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- *Sara*

· *Section 355 (extremely hazardous substances):*

None of the ingredient is listed.

(Contd. on page 6)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

**Trade name:** STAUF M400

(Contd. of page 5)

· *Section 313 (Specific toxic chemical listings):*

None of the ingredients is listed.

· *TSCA (Toxic Substances Control Act):*

1317-65-3 calciumcarbonate

216597-12-5 Trimethoxysilylpropylcarbamate-terminierter

13822-56-5 3-(trimethoxysilyl)propylamine

123-26-2 Luvotix HT

2768-02-7 trimethoxyvinylsilane

125643-61-0 A mixture of isomers of: C7-9-alkyl-3-(3,5-di-trans-butyl-4-hydroxyphenyl)propionate

· *Proposition 65*

· *Chemicals known to cause cancer:*

None of the ingredients is listed.

· *Chemicals known to cause reproductive toxicity for females:*

None of the ingredients is listed.

· *Chemicals known to cause reproductive toxicity for males:*

None of the ingredients is listed.

· *Chemicals known to cause developmental toxicity:*

None of the ingredients is listed.

· *Canadian Ingredient disclosure list*

· *Limit 0,1%*

None of the ingredients is listed.

· *Limit 1%*

None of the ingredients is listed.

· *Cancerogenity 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 is not subject to identification regulations according to 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

(Contd. on page 7)

USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

**Trade name:** STAUF M400*(Contd. of page 6)***· Contact:**

Dr. Frank Gahlmann +49-(0)2739-301165 gahlmann@stauf.de  
Wolfgang Stauf, Phone 901-820-0007, Email wolfgang.stauf@staufusa.com

**· Date of preparation / last revision 10/27/2014 / 22****· 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