

## 1 Identification

- **Product identifier**
- **Trade name:** STAUF M420
- **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
- **Emergency telephone number:** CHEMTREC 1-800-424-9300 (USA) 1-703-527-3887 (International)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- *Hazard pictograms*



GHS07

- *Signal word* Warning
- *Hazard-determining components of labeling:*  
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
- *Hazard statements*  
H317 May cause an allergic skin reaction.
- *Precautionary statements*
  - P261 Avoid breathing dust/fume/gas/mist/vapors/spray
  - P280 Wear protective gloves.
  - P272 Contaminated work clothing must not be allowed out of the workplace.
  - P302+P352 If on skin: Wash with plenty of water.
  - P321 Specific treatment (see on this label).
  - P363 Wash contaminated clothing before reuse.
  - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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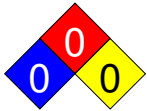
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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

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



HEALTH 0 Health = 0  
FIRE 0 Fire = 0  
REACTIVITY 0 Reactivity = 0

- **Results of PBT and vPvB assessment**
- *PBT*: Not applicable.
- *vPvB*: Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:**  
Adhesive  
Wässrige Polymerdispersion mit mineralischen Füllstoffen

- **Dangerous components:**

1332-58-7	Kaolin	10-25%
55965-84-9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	≤ 2.5%

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

### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air.
- **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.
- **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.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
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.

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- **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 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).
- **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

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **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.
  - *Further information about storage conditions:* Protect from frost.
- **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:**

### 1332-58-7 Kaolin

PEL	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV	Long-term value: 2* mg/m <sup>3</sup> E; as respirable fraction

- *Additional information:* The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
  - *General protective and hygienic measures:* Wash hands before breaks and at the end of work.

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- *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  
Nitrile rubber, NBR  
Natural rubber, NR
- *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:*

*Form:* Pasty

*Color:* White

· *Odor:* Characteristic

· *Odour threshold:* Not determined.

· **pH-value at 20 °C (68 °F):** 7.5

#### · **Change in condition**

*Boiling point/Boiling range:* 100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

#### · **Ignition temperature:**

*Decomposition temperature:* Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

#### · **Explosion limits:**

*Lower:* Not determined.

*Upper:* Not determined.

· **Vapor pressure at 20 °C (68 °F):** 23 hPa (17 mm Hg)

· **Density at 20 °C (68 °F):** 1.3 g/cm<sup>3</sup> (10.849 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:* Not determined.

*Kinematic:* Not determined.

#### · **Solvent content:**

*Organic solvents:* 0.0 %

*Water:* 34.4 %

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*VOC Content:* 0.00 %  
 · **Other information** No further relevant information available.

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## 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:**
- *Carcinogenic categories*

· <i>IARC (International Agency for Research on Cancer)</i>	
13463-67-7	titanium dioxide
	2B

· <i>NTP (National Toxicology Program)</i>
None of the ingredients is listed.

· <i>OSHA-Ca (Occupational Safety &amp; Health Administration)</i>
None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **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.

US

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· *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.

· *Carcinogeny categories*

· *EPA (Environmental Protection Agency)*

None of the ingredients is listed.

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

1332-58-7	Kaolin	A4
13463-67-7	titanium dioxide	A4
111-30-8	glutaral	A4

· *MAK (German Maximum Workplace Concentration)*

13463-67-7	titanium dioxide	3A
111-30-8	glutaral	4

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

13463-67-7 titanium dioxide

· **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** 01/21/2016 / 105

· **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 Organisation  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1