



# Safety Data Sheet

according to 2001/58/EC

## Lastic Universal Hardener paste

Print date : 12.06.2006

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### 1. Identification of the substance/preparation and of the company/undertaking

#### 1.1 Identification of the substance or preparation

Lastic Universal Hardener paste

**Further product name**Lastic Xtra Hardener paste N  
Lastic Hardener paste N**Use of the substance/preparation**

Hardener paste for Lastic, Lastic Xtra and Lasticomp.

#### 1.2 Company/undertaking identification

Company name : Kettenbach GmbH & Co. KG  
Street : Im Heerfeld 7  
Place : D-35713 Eschenburg  
Contact person : Quality Assurance Manager  
e-mail : info@kettenbach.de  
Internet : www.kettenbach.de

Telephone : + 49(0) 2774/705-0  
Telefax : +49 (0)2774/705-33

### 2. Composition/information on ingredients

**Chemical characterization**

Preparation.

#### Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
220-449-8	2768-02-7	vinyltrimethoxysilane	15 - 20 %	Xn, Xi R10-20-38
212-791-1	870-08-6	dioctyl tin oxide	5 - 10 %	Xn R53-48/22
201-083-8	78-10-4	ethyl silicate, tetraethyl silicate	2-5 %	Xn, Xi R10-20-36/37

Full text of each relevant R phrase can be found in heading 16.

### 3. Hazards identification

**Explication of special hazards for human health and environment**

No risks worthy of mention.

### 4. First aid measures

**General information**

Symptoms: Hitherto no symptoms known.

**After inhalation**

Following inhalation: Provide fresh air. Consult physician if problems persist.

**After contact with skin**

After contact with skin, wash immediately with: water and soap.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Seek medical attention immediately.



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### 5. Fire-fighting measures

**Suitable extinguishing media** Water spray. Foam. Carbon dioxide (CO<sub>2</sub>).

**Special protective equipment for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.  
Extinguishing materials should be selected according to the surrounding area.

### 6. Accidental release measures

**Personal precautions** Ventilate area.

**Environmental precautions** Do not empty into drains or the aquatic environment.

**Methods for cleaning up/taking up** Collect mechanically.

### 7. Handling and storage

#### 7.1 Handling

**Advice on safe handling** No special measures are necessary.

**Advice on protection against fire and explosion** No special precautionary measures are necessary.

**Further information on handling** No special precautionary measures are necessary.

#### 7.2 Storage

**Requirements for storage rooms and vessels**

Store only in original container. Keep container tightly closed and in a well-ventilated place.

**Further information on storage conditions** No special precautionary measures are necessary.

### 8. Exposure controls/personal protection

#### 8.1 Exposure limit values

#### 8.2 Exposure controls

**Protective and hygiene measures** When using do not eat, drink, smoke or sneeze.  
Avoid contact with skin, eye and clothing.  
Wash hands when done working with material; at breaks, lunch, shift changes, etc.

**Hand protection** Hand protection: Single-use gloves.

**Eye protection** Framed glasses.

**Skin protection** No special precautionary measures are necessary.



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### 9. Physical and chemical properties

#### 9.1 General information

Physical state : Paste  
Colour : ligh red  
Odour : characteristic

#### 9.2 Important health, safety and environmental information

Test method

pH-Value : -

##### Changes in the physical state

Flash point : ca. 30 °C  
Density (at 20 °C) : ca. 0,93 g/cm<sup>3</sup>  
Water solubility : insoluble  
at (20 °C)

#### 9.3 Other information

Ignition temperature : &gt; 350 °C

### 10. Stability and reactivity

**Conditions to avoid** heating.  
**Materials to avoid** Air, humid.  
**Hazardous decomposition products** No data available

### 11. Toxicological information

**Acute toxicity** Toxicological data are not available.  
**Corrosive and irritant effects** Irritant effect on the skin: Not an irritant.  
Irritant effect on the eye: Not an irritant.  
**Sensitising effects** no danger of sensitization.

### 12. Ecological information

**Ecotoxicity** No data available  
**Additional information** General information: Water risk class: 2 (water pollutant)  
Do not empty into drains or the aquatic environment.

### 13. Disposal considerations

**Advice on disposal** Remove according to the regulations.

#### Waste disposal number of waste from residues/unused products :

070217 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes containing silicones other than those mentioned in 07 02 16



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**Waste disposal number of used product :**

200399 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; municipal wastes not otherwise specified

**Contaminated packaging**

Completely emptied packings can be re-cycled.

### 14. Transport information

Land transport (ADR/RID)Inland waterways transportMarine transportAir transportFuther Information

Not a hazardous material with respect to these transportation regulations.

### 15. Regulatory information

15.1 Labelling

S phrases : 16 Keep away from sources of ignition - No smoking.

15.2 National regulations

Water contaminating class : 2 - water contaminating

### 16. Other information

**List of relevant R phrases**

- 10 Flammable.
- 20 Harmful by inhalation.
- 38 Irritating to skin.
- 53 May cause long-term adverse effects in the aquatic environment.
- 36/37 Irritating to eyes and respiratory system.
- 48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

**Other data**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*