



# Safety Data Sheet

according to 2001/58/EC

## Futar retard

Print date : 13.03.2006

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

**1.1 Identification of the substance or preparation** Futar retard

**Use of the substance/preparation** Extremely hard, addition-curing bite registration material based on polyvinyl-siloxane.

#### 1.2 Company/undertaking identification

Company name : Kettenbach GmbH & Co. KG  
Street : Im Heerfeld 7  
Place : D-35713 Eschenburg  
Contact person : Quality Assurance Manager Telephone : + 49(0) 2774/705-0  
e-mail : info@kettenbach.de Telefax : +49 (0)2774/705-33  
Internet : www.kettenbach.de

### 2. Composition/information on ingredients

**Chemical characterization** Preparation of silicone oils and filler with platinum-catalyst (ppm-range).

### 3. Hazards identification

#### Classification

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

#### 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. No special measures are necessary.

**After inhalation** not applicable

**After contact with skin** In general the product is not skin irritative.

**After contact with eyes** Rinse immediately carefully and thoroughly with eye-bath or water. In case of durable symptoms, consult an ophthalmologist.

**After ingestion** Consult physician if problems persist.

### 5. Fire-fighting measures

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

#### Special protective equipment for fire-fighters

Extinguishing materials should be selected according to the surrounding area.



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### 6. Accidental release measures

Personal precautions	Not required.
Environmental precautions	Do not empty into drains or the aquatic environment.
Methods for cleaning up/taking up	Collect mechanically.
Additional information	No release of hazardous substances.

### 7. Handling and storage

#### 7.1 Handling

Advice on safe handling	No special precautionary 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	No special requirements.
Advice on storage compatibility	Not required.
Further information on storage conditions	No special requirements.

### 8. Exposure controls/personal protection

#### 8.1 Exposure limit values

#### 8.2 Exposure controls

Occupational exposure controls	not applicable
Protective and hygiene measures	The usual precautions when handling chemicals have to be obtained. Avoid contact with skin, eye and clothing.
Hand protection	Single-use gloves. Qualified materials: PE (polyethylene). Unsuitable materials: NR (Natural rubber (Caoutchouc), Natural latex). In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
Eye protection	Not required.
Skin protection	Not required.
Environmental exposure controls	Not required.

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## 9. Physical and chemical properties

### 9.1 General information

Physical state : Paste  
Colour : Base paste: white. Hardener: yellow.  
Odour : odourless

### 9.2 Important health, safety and environmental information

pH-Value : neutral

Test method

#### Changes in the physical state

Melting point : not applicable  
Boiling point : not applicable

#### Explosive properties

not Explosive.

Density (at 20 °C) : 1,6 - 1,7 g/cm<sup>3</sup>  
Water solubility : insoluble

## 10. Stability and reactivity

Conditions to avoid None by intended use.

Materials to avoid None by intended use.

Hazardous decomposition products None by intended use.

## 11. Toxicological information

Acute toxicity Acute toxicity, oral LD50: > 2000 mg/kg rat.

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 The product has not been tested.

Additional information Do not empty into drains or the aquatic environment.  
Water risk class: 1 (Mild water pollutant)  
Doesn't get into the sewage water as long as the process is carried out according to regulations.

## 13. Disposal considerations

Advice on disposal Remove according to the regulations.



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**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

**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 transport****Marine transport****Air transport****Further Information**

Not a hazardous material with respect to these transportation regulations.

### 15. Regulatory information

**15.1 Labelling**

Labelling according to EC-guidelines : There is no requirement for the product to be specially labelled according to EC-regulations or the corresponding national laws.

**15.2 National regulations**

Water contaminating class : 1 - slightly water contaminating

**Additional information**

The usual precautions when handling chemicals have to be obtained.

### 16. Other information

**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.)*