

# EU SAFETY DATA SHEET

93/155/EEC & 2001/58/EC

## 1. Name of substance / Preparation and name of company

### 1.1 Trade Name

**ELC 20**

HAHO 150/30, HAHO 50/80, HAHO 1600, HAHO Mix,  
HAHO 150/80, HAHO 120/f., HAHO 30/80, HAHO 50/100

### 1.2. Application of substance or preparation

In synthetic resin moulding, in or as aid for foundry-, color-, pigment-, plastic- and electr. industry, in coating materials, for fur cleaning, as deburring- and scrubbing agent for the metal industry

### 1.3. Information on manufacturer / supplier

1.2.1. JELU-Werk, Josef Ehrler GmbH & Co. KG  
Ludwigsmühle

D-73494 Rosenberg, Bundesrepublik Deutschland, Baden-Württemberg

1.2.2. Telephone: +49 7967/90910 Telefax: /909170

1.2.3. Emergency Telephone: +49 7967/90910

## 2. Composition / details of components

### 2.1. Chemical Characterisation

2.1.1. Organical wood fibre (compound from cellulose and lignine) ~ 90%  
Water ~ 10%

## 3. Possible dangers

### 3.1. Special danger references for humans and the environment

3.1.1. Not applicable

## 4. First Aid steps

### 4.1. General Instructions

4.1.1. After inhale: get some fresh air, consult doctor when difficulties in breathing  
4.1.2. After contact with eyes: rinse open lid with water, consult doctor if eyes are irritated  
4.1.3. After skin contact: rinse with water, consult doctor if skin shows reaction  
4.1.4. After ingestion: drink water, consult doctor in case of indisposition

## 5. Fire Fighting

### 5.1. Suitable extinguishers

5.1.1. Water (spray jet)

### 5.2. Unsuitable extinguishers

5.2.1. Water hose stream

### 5.3. Danger trough substance formed

5.3.1. Organical crack products and carbonoxides

### 5.4. Special Protection Equipment

5.4.1. Use ambient air independent breath protection equipment when heavy smoke is generated.

## 6. Measures to be taken in case of unintentional release

### 6.1. Personal precaution measures

6.1.1. Remove ignition sources in case of strong dust evolution. Make sure ventilation / breath protection is sufficient

### 6.2. Environmental precautions

Not applicable

### 6.3. Cleaning

6.3.1. Use suitable vacuum cleaner. Avoid to generate dust.

<b>7. <u>Handling and storage</u></b>
<b>7.1. Handling</b>
7.1.1. Fire and explosion protection
7.1.2. Do not suspend in the presence of an ignition source
<b>7.2. Storage</b>
7.2.1. Store dry
<b>7.3. Defined usage</b>
7.3.1. Avoid generation of dust and electrostatical charge when using product
<b>8. <u>Exposure limitation and personal protective equipment</u></b>
<b>8.1. Additional hints for the design of technical layout</b>
8.1.1. Avoid to generate dust
8.1.2. Protection of electrostatical charge
<b>8.2. Personal protective equipment</b>
8.2.1. Breath protection: take dust mask (P2) when dusty TRGS 900 / TRGS 553:2mg/m <sup>3</sup> (This limit value does apply only, if in a facility or work area, in relation to the yearly production output, a considerable volume (>10%) of beech or oakwood is handled or processed.)
<b>9. <u>Physical and chemical Properties</u></b>
<b>9.1 Appearance</b>
9.1.1. Solid powder or granulate
9.1.2. Light brown
9.1.3. smell of wood
<b>9.2. Data relevant to safety</b>
9.2.1. Ignition temperature: approx. 500°C
9.2.2. Thermal decomposition: approx. 170°C
9.2.3. Vapour pressure: not volatile
9.2.4. pH-value: 5-7
<b>10. <u>Stability and reactivity</u></b>
<b>10.1. Dangerous decomposition products</b>
10.1.1. Hazardous gases are generated because of decomposition at temperatures > 170°C.
10.1.2. Avoid contact with concentrated acids and oxidating agents
<b>11. <u>Information on toxicology</u></b>
11.1. According to our experience and information provided to us there are no harmful effects expected under proper usage.
<b>12. <u>Information on ecology</u></b>
<b>12.1. organical wood fibre, natural substance</b>
<b>13. <u>Instruction on waste disposal</u></b>
<b>13.1. Product</b>
13.1.1. Incinerate, compost or dispose on waste dumps Comply with local regulations
<b>13.2. Uncleaned packing materials</b>
13.2.1. Empty as well as possible (rough cleaning)
<b>14. <u>Information on transport</u></b>
<b>14.1. No danger goods in the sense of transport regulations</b>
<b>15. <u>Regulations:</u></b>
<b>15.1. None known</b>
<b>16. <u>Other informations</u></b>
<b>16.1. None known</b>
<b>17. <u>Print date:</u>                      <u>Date of last revision:</u></b>
<b>17.1. 05.06.02                              08.01.2003</b>

The given information is based on our present knowledge and experience. A liability cannot be derived from this.