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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Name of product JOKE Fill M-50

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Identified uses

#### Sector of uses [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

#### Recommended intended purpose(s)

Rods and wires for welding

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer/distributor

joke Technology GmbH  
Asselborner Weg 14-16, D-51429 Bergisch Gladbach  
Phone +49 (0) 22 04 – 8 39 - 0, Fax +49 (0) 22 04 – 8 39 - 60  
E-Mail [info@joke.de](mailto:info@joke.de)  
Internet [www.joke.de](http://www.joke.de)

#### Advice

Markus Abstoss  
Phone +49 (0) 22 04 – 8 39 - 577  
Fax +49 (0) 22 04 – 8 39 - 60  
E-mail (competent person):  
[m.abstoss@joke.de](mailto:m.abstoss@joke.de)

### 1.4. Emergency telephone number

#### Emergency advice

Vergiftungs-I-Z. Freiburg  
Phone +49 (0)761 19240  
REACH and CLP UK CA Help Desk; Telephone: +44  
171 635 9191

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

#### Additional hints

The product is not classified according to the CLP regulation.  
This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No information available.

### 2.3. Other hazards

#### Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.



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## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Description

Mixture of listed substances with harmless additives.

#### Hazardous ingredients

| CAS No    | EC No     | Name  | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] |
|-----------|-----------|-------|------------|--|
| 7440-47-3 | 231-157-5 | Chrom | 5 - 12,5   |  |

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

First aid measures refer to dusts and fumes (shortness of breath and irritation of the respiratory tract, see section 11)

In the event of persistent symptoms receive medical treatment.

#### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

#### In case of skin contact

In case of contact with skin wash off immediately with soap and water.

#### In case of eye contact

In case of contact with eyes rinse thoroughly with water.

#### In case of ingestion

Refer to medical treatment.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

No information available.



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**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

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**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Ensure adequate ventilation.

Use breathing apparatus if exposed to vapours/dust/aerosol.

**6.2. Environmental precautions**

No information available.

**6.3. Methods and material for containment and cleaning up**

Take up mechanically and send for disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Provide suitable extraction at the processing machines.

**Hygiene measures**

Wash hands before breaks and after work.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Ventilate store-rooms thoroughly.

**Advice on storage compatibility**

Do not store together with animal feedstuffs.

Do not store together with food.

**Further information on storage conditions**

Store at cool and aired place.

**7.3. Specific end use(s)**

**Recommendation(s) for intended use**

See section 1.2

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**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**8.2. Exposure controls**

**Respiratory protection**

Short term: filter apparatus, Filter A/P2



**Hand protection**

impermeable gloves

Selection of the glove material considering the breakthrough times, permeation rates and the degradation.

**Eye protection**

safety goggles

**Other protection measures**

protective clothing

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Appearance**

solid

**Colour**

not determined

**Odour**

odourless

**Odour threshold**

not determined

**Important health, safety and environmental information**

|  | Value             | Temperature | at | Method | Remark                            |
|--|-------------------|-------------|----|--------|-----------------------------------|
| <b>pH value</b>                            | not applicable    |             |    |        |                                   |
| <b>Boiling temperature / boiling range</b> | not applicable    |             |    |        |                                   |
| <b>Melting point / Freezing point</b>      | not applicable    |             |    |        |                                   |
| <b>Flash point</b>                         | not applicable    |             |    |        |                                   |
| <b>Vapourisation rate</b>                  | not determined    |             |    |        |                                   |
| <b>Flammable (solid)</b>                   | No data available |             |    |        |                                   |
| <b>Flammability (gas)</b>                  | not applicable    |             |    |        |                                   |
| <b>Ignition temperature</b>                | not determined    |             |    |        |                                   |
| <b>Self ignition temperature</b>           |                   |             |    |        | The product is not self-igniting. |
| <b>Lower explosion limit</b>               | not determined    |             |    |        |                                   |
| <b>Upper explosion limit</b>               | not determined    |             |    |        |                                   |
| <b>Vapour pressure</b>                     | not determined    |             |    |        |                                   |
| <b>Relative density</b>                    | No data available |             |    |        |                                   |
| <b>Bulk density</b>                        | No data available |             |    |        |                                   |



|  | Value          | Temperature | at | Method | Remark    |
|--|----------------|-------------|----|--------|-----------|
| <b>Vapour density</b>                                    | not determined |             |    |        |           |
| <b>Solubility in water</b>                               |                |             |    |        | insoluble |
| <b>Solubility/other</b>                                  | not determined |             |    |        |           |
| <b>Partition coefficient n-octanol/water (log P O/W)</b> | not determined |             |    |        |           |
| <b>Decomposition temperature</b>                         | not determined |             |    |        |           |
| <b>Viscosity</b>   | not applicable |             |    |        |           |
| <b>Solvent content</b>                                   | 0 %            |             |    |        |           |

**Oxidising properties**  
No information available.

**Explosive properties**  
The product is not explosive.

**9.2. Other information**  
No information available.

## SECTION 10: Stability and reactivity

**10.1. Reactivity**  
No hazardous reactions known.

**10.2. Chemical stability**  
stable

**10.3. Possibility of hazardous reactions**  
No hazardous reactions known.

**10.4. Conditions to avoid**  
No information available.

**10.5. Incompatible materials**  
**Substances to avoid**  
No information available.

**10.6. Hazardous decomposition products**  
None, when used as intended.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Acute toxicity/Irritation/Sensitization**



|                           | Value/Validation | Species | Method | Remark |
|---------------------------|------------------|---------|--------|--------|
| <b>Skin irritation</b>    | non-irritant     |         |        |        |
| <b>Eye irritation</b>     | non-irritant     |         |        |        |
| <b>Skin sensitization</b> | non-sensitizing  |         |        |        |

**Additional information**

Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1. Toxicity**

No information available.

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

Because of its consistency the product cannot be dispersed in the environment. Adverse ecological effects are therefore unlikely on the basis of current knowledge.

**12.4. Mobility in soil**

no

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

| Waste code No. | Name of waste  |
|----------------|----------------|
| 12 01 13       | welding wastes |

**Recommendations for the product**

Remove in accordance with local official regulations.

**SECTION 14: Transport information**

|   | ADR/RID | IMDG | IATA-DGR |
|---|---------|------|----------|
| <b>14.1. UN number</b>                  | -       | -    | -        |
| <b>14.2. UN proper shipping name</b>    | -       | -    | -        |
| <b>14.3. Transport hazard class(es)</b> | -       | -    | -        |
| <b>14.4. Packing group</b>              | -       | -    | -        |



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|  | <b>ADR/RID</b> | <b>IMDG</b> | <b>IATA-DGR</b> |
|--|----------------|-------------|-----------------|
| <b>14.5. Environmental hazards</b>   | -              | -           | -               |
| <b>14.6. Special precautions for user</b><br>No information available.   |                |             |                 |
| <b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b><br>No information available.                 |                |             |                 |
| <b>Land and inland navigation transport ADR/RID</b><br>No dangerous goods as defined by these transport regulations.               |                |             |                 |
| <b>Air transport ICAO/IATA-DGR</b><br>No dangerous goods as defined by these transport regulations.                                |                |             |                 |
| <b>Transport/further information</b><br>No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR. |                |             |                 |

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## **SECTION 15: Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Other regulations (EU)**

Contains no hazardous material listed in Directive 2012/18 / EU.

#### **National regulations**

#### **Water hazard class**

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nwh - not water hazardous

### **15.2. Chemical Safety Assessment**

Eine Stoffsicherheitsbeurteilung wurde nicht durchgeführt.

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## **SECTION 16: Other information**

### **Further information**

The information contained herein relates only to the designated product.