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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 H-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) 2204 - 839 - 0, Fax +49 (0) 2204 - 839 - 60  
E-Mail [info@joke.de](mailto:info@joke.de)  
Internet [www.joke.de](http://www.joke.de)

#### Advice

Markus Abstoss  
Phone +49 (0) 2204 - 839 - 577  
Fax +49 (0) 2204 - 839 - 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) 7 61 - 1 92 40  
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

No information available.

### 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

not applicable



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## SECTION 3: Composition/ information on ingredients

### 3.2. Mixtures

#### Description

The components are not freely available in the article, but firmly connected in the form of an alloy.

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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 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 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

#### Physician's information / possible symptoms

No symptoms known so far.

#### Physician's information / possible dangers

No information available.

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

#### Treatment (Advice to doctor)

Treat symptoms.

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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.

### 5.3. Advice for firefighters

No information available.

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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.

#### For emergency responders

Ensure adequate ventilation.

Use personal protective clothing.

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

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 good room ventilation even at ground level (vapours are heavier than air).

Provide suitable extraction at the processing machines.

#### General protective measures

Do not inhale dust/fumes/aerosols.

#### Hygiene measures

At work do not eat, drink, smoke or take drugs.

Wash soiled clothing immediately.

Keep away from food and drink.

Wash hands and skin before breaks and after work.

#### Advice on protection against fire and explosion

The product is not combustible.

The vapours of product are heavier than air.

At higher temperature ( welding ) product may decompose intensive and dangerous.

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

#### Requirements for storage rooms and vessels

No special measures required.

#### Advice on storage compatibility

Store and transport separate of food.

#### Further information on storage conditions

Storage: dry

#### Information on storage stability

No information available.

### 7.3. Specific end use(s)

No information available.



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

**8.1. Control parameters**

**8.2. Exposure controls**

**Respiratory protection**

In case of insufficient ventilation or long-term effect use breathing apparatus.

**Hand protection**

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

**Eye protection**

safety goggles / face protection

**Other protection measures**

boots

flame-stopping protective clothing

**SECTION 9: Physical and chemical properties**

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

**Appearance**

solid

**Colour**

No information available.

**Odour**

odourless

**Odour threshold**

No information available.

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	not determined				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<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				



	Value	Temperature	at	Method	Remark
<b>Relative density</b>	not determined				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	not determined				
<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 determined				
<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 information available.

**10.2. Chemical stability**

Product stable up to 1200 ° C.

**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**

Alkali (lye)

Acid

**10.6. Hazardous decomposition products**

No information available.



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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	not applicable			
<b>Eye irritation</b>	not applicable			
<b>Skin sensitization</b>	not applicable			
<b>Sensitization respiratory system</b>	No information available.			

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Mutagenicity</b>				not applicable
<b>Reproduction-Toxicity</b>				not applicable
<b>Carcinogenicity</b>				not applicable

#### Additional information

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

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## SECTION 12: Ecological information

### 12.1. Toxicity

No information available.

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

not applicable

### 12.5. Results of PBT and vPvB assessment

not applicable

### 12.6. Other adverse effects

No information available.



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## 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.

### Recommendations for packaging

Totally emptied packaging may be taken for recycling.

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## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

### Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

### Marine transport IMDG

No dangerous goods as defined by these transport regulations.

### Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

### Transport/further information

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)

No information available.



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**National regulations**

**Water hazard class** - nwh - not water hazardous

**15.2. Chemical Safety Assessment**

For this substance a chemical safety assessment is not required.

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**SECTION 16: Other information**

**Further information**

The information contained herein relates only to the designated product.