



Filler metal joke Fill

Print date 16.11.2023
Revision date 16.11.2023
Version 1.0 (en)

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

1.1 Product identifier

Trade name/designation Filler metal joke Fill

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

Sector of uses [SU]

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 Industrial uses

Use of the substance/mixture

Rods and wires for welding

Uses advised against

This information is not available.

1.3 Details of the supplier of the safety data sheet

Supplier

joke Technology GmbH
Asselborner Weg 14-16
D-51249 Bergisch Gladbach
Telephone +49 (0) 22 04 / 8 39-0
Telefax +49 (0) 22 04 / 8 39-60
E-mail info@joke.de
Website <https://www.joke-technology.com/>

Department responsible for information:

Telephone +49 (0) 22 04 / 8 39-0
Telefax +49 (0) 22 04 / 8 39-60

E-mail (competent person):
sida@joke.de

1.4 Emergency telephone number

Vergiftungs-I-Z. Freiburg (Sprache / Language: DE, EN) +49 (0) 761 / 1 92 40

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

No data available

2.2 Label elements

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

Remark

The products do not contain any hazardous substances

2.3 Other hazards

Adverse physicochemical effects

Welding and grinding generate fumes and dust. It can Nickel/oxide, which is classified as a carcinogen, may be produced. Cobalt/oxides are also produced, manganese oxides fine dusts and ozone.



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SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Hazardous ingredients

| CAS No. | EC No. | Substance name | Concentration | Classification according to Regulation (EC) No 1272/2008 [CLP] | SCL/ M/ ATE |
|-----------|-----------|----------------|---------------|--|-------------|
| 7440-32-6 | 231-142-4 | Titan (Ti) | weight-% | | |

Additional information

The products contain ≥ 1 wt.
-% nickel and/or ≥ 1 wt.
-% cobalt.

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

Take a deep breath of fresh air
Breathe, considerable amounts of smoke
Consult a doctor.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion

This information is not available.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Monitoring examination according to
BG principle G39

SECTION 5: Firefighting measures

5.1 Extinguishing media

No data available

5.2 Special hazards arising from the substance or mixture

No data available



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5.3 Advice for firefighters

No data available

Additional information

Not applicable, as the products are neither flammable nor explosive

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

not applicable

6.2 Environmental precautions

not applicable

6.3 Methods and material for containment and cleaning up

Other information

not applicable

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

The UVV (VBG 15) must be observed

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Special requirements for
for safety reasons
do not exist.

Further information on storage conditions

No special measures required.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Technical measures to prevent exposure

Additional information on the design of technical systems see section 7.



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Personal protection equipment

Remark

see UVV (VGB 15) §27

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Solid wire

Safety relevant basis data

| | Value | Method | Source, Remark |
|--|----------------|--------|----------------|
| Odour threshold: | not determined | | |
| Melting point/freezing point | not determined | | |
| Boiling point or initial boiling point and boiling range | not determined | | |
| flammability | not determined | | |
| Lower and upper explosion limit | not determined | | |
| Flash point | not determined | | |
| Auto-ignition temperature | not determined | | |
| Decomposition temperature | not determined | | |
| pH | not determined | | |
| Viscosity | not determined | | |
| Solubility(ies) | not determined | | |
| Partition coefficient n-octanol/water (log value) | not determined | | |
| Vapour pressure | not determined | | |
| Density and/or relative density | not determined | | |
| Relative vapour density | not determined | | |
| particle characteristics | not determined | | |

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Avoid contact with acids and bases.

10.2 Chemical stability

Product stable up to 1200 ° C.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available



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10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Animal data

| | Effective dose | Method,Evaluation | Source, Remark |
|---------------------------|----------------|-------------------|----------------|
| Acute oral toxicity | not determined | | |
| Acute dermal toxicity | not determined | | |
| Acute inhalation toxicity | not determined | | |

Assessment/classification

This information is not available.

Skin corrosion/irritation

Assessment/classification

This information is not available.

Serious eye damage/irritation

Assessment/classification

This information is not available.

Sensitisation to the respiratory tract

not determined

Skin sensitisation

Assessment/classification

This information is not available.

Germ cell mutagenicity

Assessment/classification

This information is not available.

Carcinogenicity

not determined

Reproductive toxicity

not determined

STOT-single exposure

not determined

STOT-repeated exposure

not determined

Aspiration hazard

not determined

11.2 Information on other hazards



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Other information

This information is not available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

| | Effective dose | Method,Evaluation | Source, Remark |
|---|----------------|-------------------|----------------|
| Acute (short-term) fish toxicity | not determined | | |
| Chronic (long-term) fish toxicity | not determined | | |
| Acute (short-term) toxicity to crustacea | not determined | | |
| Chronic (long-term) toxicity to aquatic invertebrate | not determined | | |
| Acute (short-term) toxicity to algae and cyanobacteria | not determined | | |
| Chronic (long-term) toxicity to aquatic algae and cyanobacteria | not determined | | |
| Toxicity to other aquatic plants/organisms | not determined | | |
| Toxicity to microorganisms | not determined | | |

Assessment/classification

This information is not available.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

Additional ecotoxicological information

Additional information

The limit values of TA Luft apply when operating the extraction systems.
 Other see point 15

SECTION 13: Disposal considerations



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13.1 Waste treatment methods

Appropriate disposal / Product

Dispose of waste according to applicable legislation.
 Properly dispose of dust and particles separated in extraction systems. Normal metal scrapping of the products is possible.
 31217 Filter dusts containing non-ferrous metals
 35315 Other non-ferrous metal-containing
 Residual materials without aluminum and magnesium waste.
 18711 Paper filters with harmful contaminants mainly inorganic.

Appropriate disposal / Package

Dispose of according to official regulations.

SECTION 14: Transport information

| | Land transport (ADR/RID) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|--|--------------------------|----------------------|------------------------------------|
| 14.1 UN number or ID 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 data available

14.7 Maritime transport in bulk according to IMO instruments

No data available

All transport carriers

No dangerous good in sense of these transport regulations.

Sea transport (IMDG)

Remark

No hazardous material as defined by the prescriptions.

Air transport (ICAO-TI / IATA-DGR)

Remark

No hazardous material as defined by the prescriptions.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Additional information

Take care when welding.
 Observe the safety instructions of your company. These should comply with national laws/regulations and be based on the information available from the supplier.
 available from the supplier.



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15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Indication of changes

* Data changed compared with the previous version

Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AGW: Occupational Exposure Limit Value
ATE: Acute Toxicity Estimate
ATEmix: Acute Toxicity Estimate for Mixtures
BGW: Biological limit value (DE)
bw: body weight
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging
DGR: Dangerous Goods Regulations (IATA)
DNEL: derived no-effect level
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances
EU: European Union
GefStoffV: Ordinance on Hazardous Substances
IATA: International Air Transport Association
PBT: persistent and bioaccumulative and toxic
WGK: water hazard class

Key literature references and sources for data

Datasheets of the manufacturer

Additional information

This safety data sheet complies with the requirements of Commission Regulation (EU) 2020/878 amending Regulation (EC) No 1907/2006.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.