

**SAFETY DATA SHEET**according to Regulation (EC) No. 1907/2006 (REACH)
and Regulation (EU) No 2015/830Revision date: 11/6/2015
Version: 4
Language: en-GB,IE
Date of print: 9/12/2015**TOOLCRAFT EPOXY STICK STAHL**
Safety data sheet**1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY UNDERTAKING****1.1. Product identifier**

| | |
|----------------------|-----------------------------|
| Product name | TOOLCRAFT Epoxy stick Stahl |
| Chemical designation | - |
| CAS number | - |
| EC number | - |
| Index number | - |
| Registration number | - |

1.2. Relevant identified uses of the substance and uses advised against

| | |
|--------------------------|----------------|
| Relevant identified uses | none |
| Uses advised against | not determined |

1.3. Details of the supplier of the safety data sheet

| | |
|---------------|---|
| Name | Conrad Electronic SE |
| Address | Klaus-Conrad-Str. 1 92240 Hirschau / DEUTSCHLAND |
| Telephone | +49 (0) 9604 / 40 – 8988 |
| Fax | +49 (0) 9604 / 40 – 8936 |
| Contact email | quality-control@conrad.de |

1.4. Notrufnummer

| | |
|---------|------------------------|
| Telefon | +49 (0) 89-19240 (24h) |
|---------|------------------------|

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP)**

| | |
|-------------------------|--|
| Skin Irrit. 2; H315 | Causes skin irritation. |
| Eye Irrit. 2; H319 | Causes serious eye irritation. |
| Skin Sens. 1; H317 | May cause an allergic skin reaction. |
| Aquatic Chronic 3; H412 | Harmful to aquatic life with long lasting effects. |

2.2 Label elements**Labelling (CLP)**

Signal word:

Warning

| | | |
|--------------------|------|--|
| Hazard statements: | H315 | Causes skin irritation. |
| | H317 | May cause an allergic skin reaction. |
| | H319 | Causes serious eye irritation. |
| | H412 | Harmful to aquatic life with long lasting effects. |

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Precautionary statements:

- P102 Keep out of reach of children.
- P261 Avoid breathing dust.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of water/soap.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P501 Dispose of contents/container to hazardous or special waste collection point.

Special labelling

- EUH205 Contains epoxy constituents. May produce an allergic reaction.
See information supplied by the manufacturer.

2.3 Other hazards

- Can damage your health.
Further hazardous properties cannot be excluded.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Hazardous ingredients:

| Ingredient | Designation | Content | Classification |
|---------------------------------------|---|-----------|---|
| EC No. 500-033-5 CAS 25068-38-6 | Reaction product: Bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight <=700) | 10 - 20 % | Skin Irrit. 2; H315. Eye Irrit. 2; H319. Skin Sens. 1; H317. Aquatic Chronic 2; H411. |
| EC No. 202-013-9 CAS 90-72-2 | 2,4,6-tris (Dimethylaminomethyl) phenol | 5 - 10 % | Acute Tox. 4; H302. Skin Irrit. 2; H315. Eye Irrit. 2; H319. |
| EC No. 202-495-0 CAS 96-27-5 | 3-Mercaptopropane-1,2- diol | 5 - 10 % | Acute Tox. 4; H302. Acute Tox. 3; H311. Skin Irrit. 2; H315. Eye Irrit. 2; H319. STOT SE 3; H335. |

Full text of H- and EUH-statements: see section 16.

Additional information: Contains Talcum and Limestone: The maximum workplace exposure limits are, where necessary, listed in section 8.

SECTION 4: First aid measures**4.1 Description of first aid measures**

- General information: Take off immediately all contaminated clothing.
- In case of inhalation: Provide fresh air. Consult physician.



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- Following skin contact: After contact with skin, wash immediately with soap and plenty of water.
In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
- After swallowing: Rinse mouth immediately and drink plenty of water.
Never give anything by mouth to an unconscious person.
Do not induce vomiting.
Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

sensitising

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water fog, extinguishing powder, foam, Carbon dioxide.

Extinguishing media which must not be used for safety reasons:

High power water jet.

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Metallic oxides, hydrogen chloride, nitrogen oxides (NO_x), sulphur oxides, carbon monoxide and carbon dioxide.

Danger of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus. Wear suitable protective clothing.

Additional information: Hazchem-Code: -

Do not allow fire water to penetrate into surface or ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Provide adequate ventilation.

Wear suitable protective clothing.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

Additional information: Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.

Avoid contact with skin and eyes.

Wear suitable protective clothing.

Precautions against fire and explosion:

Keep away from sources of ignition. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep only in the original container in a cool, well-ventilated place.

Keep container tightly closed and dry.

Protect from excessive heat and light.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

Storage class: 11 = Combustible solids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Occupational exposure limit values:

| CAS No. | Designation | Type | Limit value |
|------------|-------------|------------------------|---|
| 14807-96-6 | Talcum | Great Britain: WEL-TWA | 1 mg/m ³ (respirable fraction) |
| | | Ireland: 8 hours | 0.8 mg/m ³ (respirable fraction) |
| | | Ireland: 8 hours | 10 mg/m ³ (inhalable fraction) |
| 1317-65-3 | Limestone | Great Britain: WEL-TWA | 10 mg/m ³ (inhalable fraction) |
| | | Great Britain: WEL-TWA | 4 mg/m ³ (respirable fraction) |
| | | Ireland: 8 hours | 10 mg/m ³ (inhalable fraction) |
| | | Ireland: 8 hours | 4 mg/m ³ (respirable fraction) |

8.2 Exposure controls

Provide adequate ventilation, and local exhaust as needed.

Personal protection equipment**Occupational exposure controls**Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded.
Use filter type A-P2 according to EN 14387.Hand protection: Protective gloves according to EN 374.
Glove material: butyl caoutchouc (butyl rubber)-Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

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General protection and hygiene measures:

- Avoid contact with skin and eyes.
- When using do not eat, drink or smoke.
- Take off immediately all contaminated clothing.
- Wash hands before breaks and after work.
- Keep away from sources of ignition.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

| | |
|--|--|
| Appearance: | Form: pasty Colour: grey |
| Odour: | characteristic |
| Odour threshold: | no data available |
| pH value: | at 5%: 7 |
| Melting point/freezing point: | not applicable |
| Initial boiling point and boiling range: | not determined |
| Flash point/flash point range: | > 200 °C |
| Evaporation rate: | no data available |
| Flammability: | not determined |
| Explosion limits: | LEL (Lower Explosion Limit): not applicable UEL (Upper Explosive Limit): not applicable |
| Vapour pressure: | no data available |
| Vapour density: | not relevant |
| Density: | 1.85 g/mL |
| Water solubility: | practically insoluble |
| Partition coefficient: n-octanol/water: | no data available |
| Auto-ignition temperature: | not determined |
| Thermal decomposition: | no data available |
| Viscosity, dynamic: | not relevant |
| Explosive properties: | not determined |
| Oxidizing characteristics: | none |

9.2 Other information

Additional information: no data available

SECTION 10: Stability and reactivity**10.1 Reactivity**

During hardening generates a great deal of heat.

10.2 Chemical stability

Product is stable under normal storage conditions.



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10.3 Possibility of hazardous reactions

Contact with the following materials leads to a violent reaction: strong bases, strong oxidizing agents, strong acids.

10.4 Conditions to avoid

Keep away from sources of ignition. - No smoking.

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

In case of fire may be liberated: Metallic oxides, hydrogen chloride, nitrogen oxides (NO_x), sulphur oxides, carbon monoxide and carbon dioxide.

Thermal decomposition: no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Based on available data, the classification criteria are not met.
Acute toxicity (dermal): Based on available data, the classification criteria are not met.
Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.
Eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Skin Sens. 1; H317 = May cause an allergic skin reaction.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Lack of data.

Symptoms

sensitising

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Further details: no data available

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12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Waste key number: 08 04 09* = Waste adhesives and sealants containing organic solvents or other dangerous substances

MFSU = manufacture, formulation, supply and use

* = Evidence for disposal must be provided.

Recommendation: Incinerate as hazardous waste according to applicable local, state, and federal regulations.

Contaminated packagingRecommendation: Incinerate as hazardous waste according to applicable local, state, and federal regulations.
Handle contaminated packages in the same way as the substance itself.**SECTION 14: Transport information****14.1 UN number**

ADR/RID, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

14.5 Environmental hazards

Marine pollutant: No

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14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

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

no data available

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations - Great Britain**

Hazchem-Code:

-

No data available

National regulations - EC member states

Volatile organic compounds (VOC):

0 % by weight

Labelling of packaging with <= 125mL content

Hazard statements:

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102

Keep out of reach of children.

P261

Avoid breathing dust.

P280

Wear protective gloves/protective clothing/eye protection.

P302+P352

IF ON SKIN: Wash with plenty of water/soap.

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information**Further information**

Wording of the H-phrases under paragraph 2 and 3:

H302 = Harmful if swallowed.

H311 = Toxic in contact with skin.

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H319 = Causes serious eye irritation.

H335 = May cause respiratory irritation.

H411 = Toxic to aquatic life with long lasting effects.

H412 = Harmful to aquatic life with long lasting effects.

EUH205 = Contains epoxy constituents. May produce an allergic reaction.

Reason of change:

General revision (Regulation (EU) No 2015/830)

Date of first version:

28/5/2013



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Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.