

# Material Safety Data Sheet

## 1. Product & Company Identification

<b>Product:</b>	Desoldering wire (2.5 mm x 1.5 m)
<b>Manufacturer:</b>	Conrad Electronic SE
<b>Address:</b>	Klaus-Conrad-Str. 1, D-92240 Hirschau
<b>Telephone:</b>	+49 (0) 9604 / 40 - 8988
<b>Date of issue:</b>	31.03.2014

## 2. Hazards Identification

### Fatalness grade:

In accordance with Regulation (EC) No 1272/2008, the sample is not divided into dangerous article.

### Invasion route:

Skin contact:

Molten material may cause thermal burns.

Eyes contact:

No known significant effects or critical hazards.

Inhalation:

No known significant effects or critical hazards.

Ingestion:

Ingest the sample may cause discomfort.

Health hazards:

No known significant effects or critical hazards.

Environment hazards:

No known significant effects or critical hazards. Burn & burst danger: The sample can't burn.

## 3. Composition / Information on Ingredients

### Type:

Admixture

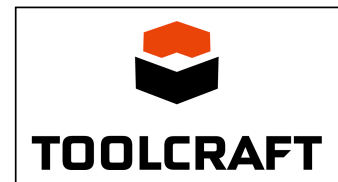
### Composition:

Chemical Name	In % By Weight	CAS No.	EC No.	Molecular Formula
Copper	90	7440-50-8	231-159-6	Cu
Rosin	10	8050-09-7	232-475-7	C <sub>20</sub> H <sub>30</sub> O <sub>2</sub>

### Abbreviation:

CAS No. is Chemical Abstract Service Registry Number.

EC No. is European Inventory of Existing Commercial chemical Substances.



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### 4. First Aid Measures

**Skin contact:**

Remove contaminated clothes and rinse the skin with plenty of water, and then cleaning with water and soap.

**Eyes contact:**

Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid.

**Inhalation:**

Remove from exposure and move to fresh air immediately, take a rest. Get medical aid.

**Ingestion:**

Gargle.

### 5. Firefighting Measures

**Danger characteristic:**

The sample can't burn.

**Hazardous combustion products:**

No applicable

**Fire-Fighting method & media:**

The surrounding environment on fire, allows the use of all kinds of extinguishing agent.

### 6. Accidental Release Measures

**Emergency treatment:**

Small amount of divulgence: clean off.

**Massive divulgence:**

Recycle or transport to waste treatment place for handling.

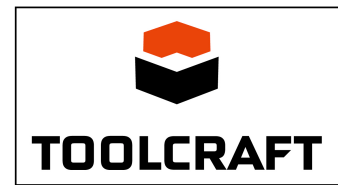
### 7. Handling and Storage

**Handling:**

With closed operation. Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear appropriate personal protective equipment. Avoid contacting with oxidizer, acid. Place the sample without child's reach. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling. Empty the container that may contain harmful residue.

**Storage:**

Keep the sample in the cool and well-ventilated place. Don't keep the samples with oxidizer, acid. Store the sample beyond the child's touch in case the child ingests it. The storage place should be equipped with devices for divulgence handling and suitable shelter materials.



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### 8. Exposure Controls / Personal Protection

**Maximum admissible concentration:**

No standard yet

**Monitoring Method:**

None.

**Engineering Control:**

Tightly closed. To supply with sufficient air exhaust.

**Respiratory Protection:**

No protection in normal situation.

**Eyes Protection:**

No protection in normal situation.

**Body Protection:**

Wear work clothes

**Hands Protection:**

Wear protective gloves.

**Other Protections:**

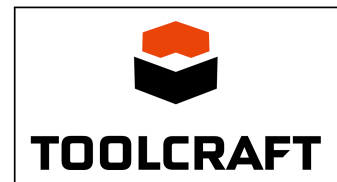
No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

### 9. Physical and Chemical Properties

<b>Color:</b>	Yellow
<b>Odour:</b>	No data.
<b>Physical Condition:</b>	Srip
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	No data.
<b>Density:</b>	No data.
<b>Permission of solvent inhalation:</b>	No data.
<b>Solubility:</b>	Insoluble in water.

### 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal temperature and pressure
<b>Distribution of Ban:</b>	Strong oxidizer, strong acid
<b>Conditions to Avoid:</b>	None
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	No applicable.



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### 11. Toxicological Information

<b>Acute Toxicity:</b>	No known significant effects or serious harm.
<b>Sub-acute and Chronic Toxicity:</b>	No known significant effects or serious harm.
<b>Irritation:</b>	No known significant effects or serious harm.
<b>Sensitization:</b>	No known significant effects or serious harm.
<b>Mutagenicity:</b>	No known significant effects or serious harm.
<b>Carcinogenicity:</b>	No known significant effects or serious harm.
<b>Others:</b>	None

### 12. Ecological Information

<b>Eco-toxicity:</b>	No known significant effects or critical hazards.
<b>Biodegradable:</b>	Not applicable.
<b>Non-biodegradable:</b>	Not applicable.
<b>Bioconcentration or biological accumulation:</b>	No data.
<b>Other harmful effects:</b>	None

### 13. Disposal Considerations

**Nature of waste:**

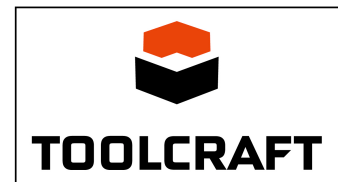
This product is not regarded as hazardous waste, as defined by Regulation (EC) No. 1272/2008.

**Waste disposal methods:**

Refer to National or Local regulations before handling. It is suggested to recycle.

**Attention abandoned:**

None



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### 14. Transport Information

**Number of dangerous goods:**

No applicable.

**UN Number:**

No specific data.

**Packaging Mark:**

No specific data.

**Packaging Method:**

No specific data.

**Transport Attentions:**

Examine whether the package of the containers are integrate and tightclosed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and chief food chemicals. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road. The sample is not regulated for transport of dangerous goods.

### 15. Regulatory Information

Regulatory Information: ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections. Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

### 16. Other Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.