

**1. Product and Company Identification**

Product chemical name	: Desoldering wick CP series, CPN series		
Manufacturer	: TAIYO ELECTRIC IND.CO.,LTD.	Section	: Engineering department
Address	: 2-16-8 Yamate Fukuyama Hiroshima 720-0092		
Tel:	: 084-951-1512	Fax : 084-951-9531	e-mail : info@goot.co.jp
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**2. Hazards Identification**

&lt;GHS Classification&gt;

&lt;HEALTH HAZARDS&gt;

Acute toxicity (Inhalation: dust) : Class 4

Respiratory sensitization: : Class 1

Skin sensitization: : Class 1

&lt;GHS label elements&gt;



&lt;Signal Word&gt;

Danger

<Hazard and toxicity information> : Vapors may cause irritating to eyes, nose and respiratory system when heating  
: May cause an allergic skin reaction.  
: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

<Precautionary statement> : Do not handle until all safety precautions have been read and understood.

[ Prevention ] : Wash hands thoroughly after handling.  
: Wear protective gloves//eye protection/face protection.  
: Do not breathe fume/gas/ produced during heating.

[ First Aid Measures ]

IF INHALED : Remove the victim to fresh air in case of inhalation with fumes produced during heating

IF IN EYES : Do not let the victim rub his eyes. Remove all chemicals from contact with his eyes. Rinse with water for several minutes. Get medical advice/attention if you feel unwell.

IF SWALLOWED : Try to get the victim to vomit. Receive the treatment of a doctor.

IF ON SKIN : : Wash with plenty of soap and water.  
Rinse with plenty of water in case of contact with heated chemicals.

[ Storage ]

Keep container tightly closed.

Store in well-ventilated place.

[ Disposal ]

Dispose of contents/container in accordance with local/regional/international regulations

**3. Composition / Information on Ingredients**

Substance : Mixture  
 Chemical name (Generic name) : Desoldering braid  
 Concentration or Concentration range

Component	Percent (wt%)	Chemical formula	Chemical Substances Control Law No.	CAS No.
Copper	>95%	Cu	---	7440-50-8
Rosin	<5%	C19H29C00H	---	8050-09-7

**4. First aid measures**

IF INHALED : Remove the victim to fresh air in case of inhalation with fumes produced during heating.]  
 : Get medical advice/attention if you feel unwell.  
 IF SWALLOWED : Try to get the victim to vomit. Receive the treatment of a doctor.  
 IF IN EYES : Do not let the victim rub his eyes. Remove all chemicals from contact with his eyes. Rinse with water for several minutes. Get medical advice/attention if you feel unwell.  
 IF ON SKIN : Wash with plenty of soap and water.  
 : Rinse with plenty of water in case of contact with heated chemicals.  
 Most important effects and symptoms : No information available  
 Protection for first-aid responders : No need

**5. Fire Fighting Measures**

Extinguishing media : Powder type fire extinguishing agent, carbon dioxide  
 Unsuitable extinguishing media : Do not use cylindrical water flow.  
 Specific hazards arising from the chemical if burning : Gas including corrosive, irritant, or toxic may occur.  
 Special protective equipment for fire fighter : Wear appropriate protective equipment (gloves, glasses, mask, atmosphere supplying respirator).

**6. Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures : Wear protective gloves//eye protection/face protection.  
 Environmental precautions : Product should not be flowed into the environment.  
 Collection and Neutralization : Rake up the substance into the container.  
 Prevention of secondary disaster : No information available

**7. Handling and Storage**

[ Handling ]  
 Appropriate engineering controls : Wear suitable protective items such as protective glasses and protective gloves  
 Local exhaust /Total ventilation : The local exhaust is used.  
 General precautions : Beware of burns during heating  
 : Do not work near combustibles.  
 [ Storage ]  
 Appropriate storage conditions : Store in a cool, dry, and well ventilated indoor.  
 Hazardous substance by mixing : See 10. Chemical Stability & Reactivity Information.

Safe containers and packaging :Plastic sealing bag to prevent moisture.  
materials

### 8Exposure Controls / Personal Protection

[ Exposure limit ]	: Not established
Tolerable concentration	: Not established
Engineering measures	: Local exhaust is used.
[ Personal protective equipment ]	
Respiratory protection:	: Use a protective mask as required.
Hand protective equipment	: Use protective gloves as required.
Eyes Protection	: Wear protective glasses as required.
Appropriate hygiene measures	: After work, wash hands well

### 9. Physical & Chemical Properties

Shape	: Braided copper wire
Odor	: Mild solvent odor
PH	: No information available
Melting point/Freezing point:	: 1085°C (melting point of copper)
Boiling point	: No information available
Initial boiling point	
Boiling range	
Flash point	: No information available
Explosive limits	: No information available
Vapor pressure	: No information available
Vapor density	: No information available
Specific gravity (Relative density)	: No information available
Solubility	: Water : Insoluble
Autogenous ignition temperature	: No information available
Flammability	: No information available

### 10. Chemical Stability & Reactivity Information

Chemical stability	: Rust produces in humid air.
Possibility of hazardous reactions	: No information available
Conditions to avoid	: No information available
Incompatible materials	: Strong acid, strong oxidizers
Hazardous decomposition products	: No information available

### 11. Toxicological Information

Acute toxicity	: Rosin: Inhalation (dust) Rat LC50 (6 hours) approx. 1.5mg/L ( Class 4 based on the conversion value for 4 hours: approx.. 2.3mL)
Skin corrosion/Irritation:	: No information available
Serious eye damage/eye irritation	: No information available
Respiratory sensitization	: Rosin. As this is listed among sensitizing chemicals in the Japanese Society of Occupational and Environmental Allergy, this substance is designated as class 1.
Skin sensitization	: Rosin. As this is classified among skin-sensitizing chemicals in the Japanese Society of Cutaneous Immunology and Allergy, this substance is designated as class 1.
Mutagenicity (Germ cell mutagenicity)	: No information available
Carcinogenicity	: No information available

Reproductive toxicity	: No information available
Specific target organ systemic toxicity - Single exposure	: No information available
Specific target organ systemic toxicity - Repeated exposure	: No information available

**12. Ecological Information**

Ecotoxicity	: No information available
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**13. Disposal Considerations**

Residual waste	: Dispose in accordance with local/regional/national/international regulations.
	: Commit disposal to industrial waste disposal contractor that have received approval from the municipalities.
Contaminated containers	: Remove the contents completely, and commit disposal to industrial waste disposal contractor that have received approval from the municipalities.

**14. Transportation Information**

[[ international Regulation ]]	Marine	Aviation
Regulations	: Follow IMO regulation	: Follow ICAO/IATA regulation
UN No.	: Not applicable	
UN proper shipping name	: Not applicable	
Class	: Not applicable	
UN classification Class		
Marine pollutant	: Not applicable	
[[ Domestic regulations ]]	Land	Marine
Regulations	: Follow fire service act	: Follow Ship safety act
Special precautions	: No need	: Follow Aviation Law

**15. Regulatory Information**

Follow all regulation in your country.	
Industrial Safety and Health Act in Japan	: Cu : Article 18-2, Attached Table 9-379 of Cabinet order : Cu : Substances Subject to Be Indicated by Name etc. (Article 18-2, Attached Table 9-379 of Cabinet order)
	: Rosin : Article 18-2, Attached Table 9-632 of Cabinet order : Rosin : Substances Subject to Be Indicated by Name etc. (Article 18-2, Attached Table 9-632 of Cabinet order)
PRTR in Japan	: Not applicable
RoHS in EU	: Compliance ( regulated substances are not included)

**16. Other information**

The information herein is given in good faith, but not a warranty. Final determination of suitability any of material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist.
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