

1. Product and Company Identification

Product	: Desoldering wick CP series, CPN series		
chemical name			
Manufacturer	: TAIYO ELECTRIC IND.CO.,LTD.	section	: Engineering department
Address	: 2-16-8 Yamate Fukuyama Hiroshima 720-0092		
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Issue date	: 2014-7-23	Revised date	: 2014-11-12

2. Hazards Identification

<GHS Classification>	: Not applicable
<GHS label elements>	: Not applicable
<Signal Word>	: Not applicable
<Hazard and toxicity information>	: Vapors may cause irritating to eyes, nose and respiratory system when heating
<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】	
• Store in well-ventilated place. Keep container tightly closed.	
• Store locked up.	
【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
• 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.

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, water spray,
 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.
 Specific fire fighting : No need
 Special protective equipment for fire fighter (gloves, glasses, mask, atmosphere supplying respirator) : 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 engineering controls: : No need
 Appropriate storage conditions: : Store in a cool, dry, and well ventilated indoor.
 Hazardous substance by mixing : No information available
 Safe containers and packaging materials: : Plastic sealing bag to prevent moisture.

8. Exposure Controls / Personal Protection

Engineering controls: : No need
 【Exposure limit】 : Not established
 Tolerable concentration: : Not established
 ACGIH (2005) : 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: : No information available
 Boiling point: Initial boiling point: : No information available
 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: : No information available
 Hazardous decomposition products: : No information available

11. Toxicological Information

Acute toxicity: : No information available
 Skin corrosion/Irritation: : No information available
 Serious eye damage/eye irritation: : No information available
 Respiratory sensitization/skin sensitization: : No information available
 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

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	Aviation
Regulations	Follow fire service act	Follow Ship safety act	Follow Aviation Law
Special precautions:	: No need		

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 Rosin: : Article 18-2, Attached Table 9-632 of Cabinet order
PRTR in Japan	: Not applicable
RoHS in EU	: Compliance (regulated substances are not included)
Occupation safety and health act in Korea	: [Copper] -- The measured substance at work environment (the measurement cycle: every 6 months) Controlled toxic substance Special health diagnosis target substance (the diagnosis target cycle: every 12 months) Exposure standard-setting substance : [Rosin] -- Not applicable
Toxic Chemicals Control Act in Korea	: Not applicable
Safety Control of Dangerous Substances Act in Korea	: Not applicable
The Waste Control Act in Korea	: [Copper] – Specified waste : [Rosin] – Not applicable
Persistent Organic Pollutants Control Act in Korea	: Not applicable

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.