

Material Safety Data Sheet

Solder wick CP series 1/3

IDENTITY:

Solder Wick CP Series (Flux)

Section 1

Manufacturer's Name:

TAIYO ELECTRIC IND. CO., LTD.

Address:

2-16-8 Yamate Fukuyama Hiroshima

Telephone Number Fax Number for Information:

Tel : 81-(84)-951-1512

Fax : 81-(84)-51-9531

Japan 720-0092

Data Prepared:

12 Aug. 2002

Section 2 – Material identification and information

Hazardous Component	CAS No.	OSHA PEL	ACGIH TLV	%
Chemical Name & Common Names (Hazardous Component 1% or greater ; Carcinogens 0.1% or greater)				
Modified Rosin		N.I.	N.I.	18.3
Alcoholic solvent (Isopropyl alcohol)		N.I.	400ppm	79.9
Activator*		N.I.	N.I.	1.8
* : Trade secret				
Non-Hazardous Ingredients				
Total				100.0

N.I. : No information

Section 3 - Physical/Chemical Characteristics

Boiling Point	82°C (760mmHg)	Specific Gravity (H ₂ O=1)	0.842/20°C
Vapor pressure (mm Hg)	32mmHg (20°C)	Melting Point (°C)	< -80°C
Vapor Density (AIR=1)	Approx. 2	Evaporation Rate (Butyl Acetate=1)	Approx 2

Solubility in Water:

: Insoluble (solvent is only partially soluble)

Appearance and Odor:

: Transparent yellowish liquid with mild alcoholic odor.

Section 4 - Fire and Explosion Hazard Data

Flash Point & Method used : >11.7°C	Flammable Limits:	UEL 12	LEL 2
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Auto-ignition temperature:

460°C

Extinguishing Media:

Carbon dioxide, foam, dry chemical

Special Fire Fighting Procedure:

Wear full protective clothing and self-contained breathing apparatus.

Pay attention to explosion.

Unusual fire & Explosion Hazards:

Release toxic oxides of carbon and halogen when exposed to high temperature.



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Section 5 - Reactivity Data IDENTITY

Solder wick CP series 2/3

Stability:	Unstable		Conditions to Avoid: High temperature spark, flames
	Stable	X	

Incompatibility:

Oxidizing agents, acids, alkalis.

Hazardous Decomposition or Byproducts:

Vapor of organic solvent, toxic oxides of carbon, halogen.

Hazardous Polymerization	May Occur		Conditions to Avoid: Not applicable.
	Will Not Occur	X	

Section 6 - Health Hazard Data

Route of Entry : Inhalation, Ingestion, Skin absorption

Health Hazards:

Acute: No information

Chronic: Poisoning by organic solvent

Carcinogen listed in : Not listed

Signs and Symptoms of Exposure:

Irritation, headache, giddiness.

Medical Conditions:

No information.

Emergency and First Aid Procedures-Seek medical assistance for further treatment, observation and support if necessary.

Eye:

Immediately flush eyes with plenty of water holding lids apart to ensure flushing of entire surface.

Skin:

Immediately wash contaminated skin with plenty of water. Remove contaminated clothing.

Inhalation:

Remove the patient from contaminated area.

Ingestion:

Seek immediate medical attention.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled:

Remove all sources of ignition. Sweep or shovel the spilled material into a clean container. Avoid contact with skin, eyes and clothing. See section 6.

Waste Disposal Method:

Dispose in accordance with regulations. Contact a licensed company.

Precautions to be taken in Handling and Storing:

Store this flux in a cool and dry place away from sources of heat and ignition. Keep this flux away from oxidizing agents, acids and alkalis. Fix the cap in storage. Avoid contact with skin, eyes.

Other Precautions and/or special hazards

Inflammable, ignitable.

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Section 8 - Control Measures

Solder wick CP series 3/3

Respiratory Protection:

Gas mask, cartridge filter for organic vapor.

Ventilation:	Local exhaust	Special: Not required
	Mechanical: NA	Other: NA

Protective Gloves:

Impervious rubbers

Eye Protection:

Safety glasses, chemical safety goggles

Other Protective clothing or equipment:

Impervious clothing

Work/Hygienic Practices:

Wash hands after handling.

Section 9 Other information

The information herein is given in good faith, but no warranty. Final determination of suitability any material is the sole responsibility of the user. All materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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