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CHEMTRONICS® INC. MSDS #1403

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Company Address:
8125 Cobb Center Drive
Kennesaw, GA 30152
Product Information: 800-TECH-401
Customer Service: 800-645-5244

Emergency: (Chemtrec) 800-424-9300
Revision Date: October 6, 1997

Product Identification

SODER-WICK® ROSIN, SODER-WICK® ROSIN SD, SODER-WICK® SMT ROSIN, SODER-WICK® BGA ROSIN

Product Code: 50, 80, 90 Series (All Part Numbers - See Section 16)

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

Product Ingredient Information	CAS#	Wt. % Range
Copper	7440-50-8	90.0-98.0
Rosin	8050-09-7	2.0-10.0

SECTION 3: HAZARD IDENTIFICATION

Emergency Overview: Shiny, braided copper wire. This product is nonflammable.

Potential Health Effects:

Eyes: No effect expected under normal conditions of use. Vapors released from other materials used in the desoldering process may cause eye irritation.

Skin: Prolonged contact may cause skin irritation.

Ingestion: Harmful if swallowed. Metal contact may be irritating to mouth, throat and stomach tissues.

Inhalation: No effects expected under normal conditions of use. Vapors from other materials used in the desoldering process may cause irritation of the mouth, nose and throat.

Pre-Existing Medical Conditions Aggravated by Exposure: None known.

SECTION 4: FIRST AID MEASURES

Eyes: Usually not required. If eye irritation occurs immediately flush with plenty of water. After initial flushing , remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel if irritation develops or persists.

Skin: Usually not required . If skin irritation occurs wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persist. Wash clothing separately before reuse.

Ingestion: Do not induce vomiting. Get immediate medical attention.

Inhalation: If user is overcome by fumes during the desoldering process, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Nonflammable LEL/UEL: Not applicable

Extinguishing Media: Water fog, CO_2, dry chemical, foam are compatible for extinguishing fires involving other materials when Soder-Wick is present.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spills: Pick up spilled braid. If soiled or dirty store in a closed container for delivery to a metals recycling center. Do not dispose of by placing in trash.

SECTION 7: HANDLING AND STORAGE

Avoid prolonged or repeated contact with eyes, skin. Wash hands before eating. Use with adequate ventilation. Avoid breathing vapors given off by he desoldering process. Store in a cool dry place. Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN.

SECTION 8: EXPOSURE CONTROLS/PERSONNEL PROTECTION

Exposure Guidelines:

CHEMICAL NAME	ACGIH TWA	OSHA PEL	OSHA STEL
Copper	0.2 mg/m^3	1.0 mg/m^3	NA
Rosin	NA	NA	NA

Work/Hygienic Practices: Good general ventilation should be sufficient to control airborne levels of desoldering process vapors. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Wear safety glasses with side shields or goggles when using this product.

NFPA and HMIS Codes:	NFPA	HMIS
Health	1	1
Flammability	0	0
Reactivity	1	1
Personal Protection	-	A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Rosin coated braided copper wire
Odor: Sharp, metallic odor.
pH: NA
Vapor Pressure: NA
Vapor Density: >1
(Air 1)
Color: Copper metallic

Solubility in Water: Insoluble
Specific Gravity: (Water =1) 8.92
Evaporation Rate: >1 (Butyl acetate=1)
Viscosity: NA
Percent Volatile: NA
Boiling Point: 604F @ 100mm Hg
Melting Point: 1083 F

SECTION 10: STABILITY AND REACTIVITY

Stability - This product is stable. Conditions to Avoid: None known

Incompatibility: Do not mix with powdered alkali and alkaline earth metals or strong oxidizing agents.

Products of Decomposition: Carbon dioxide, carbon monoxide.

20-2770, 20-2771, 20-2775, 20-2776, 20-2777, 20-2778, 20-2780, 20-2781, 20-2782, 20-2783,
20-2785, 20-2786, 20-2787, 20-2788, 20-2790, 20-2791, 20-2792, 20-2793, 20-2795, 20-2796

Hazardous Polymerization: Will not occur
Conditions to Avoid: NA

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:
Inhalation of dust and fumes during desoldering can irritate the respiratory tract. Long-term acute overexposure to fumes during desoldering can lead to lead poisoning.
Ingestion:
Can cause allergic reaction in some individuals.
Skin:
Can cause allergic reaction in some individuals.
Eye:
Contact with rosin dust and desoldering fumes can irritate the eyes.
Cancer Information: No ingredients listed as human carcinogens by NTP or IARC

SECTION 12: ECOLOGICAL INFORMATION

Environmental Impact Information
Avoid runoff into storm sewers and ditches which lead to waterways. Water runoff of desoldering process residues may cause environmental damage.
REPORTING
US regulations require reporting spills of this material that could reach any surface waters. The toll free number for the US Coast Guard National Response Center is:
1-800-424-8802

Environmental Impact Data
(percent by weight)

CFC	0.0%	VOC	0.0.%
HCFC	0.0%	HFC	0.0%
Cl. Solv.	0.0%	ODP	0.00

For more information call:
1-800-645-5244

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations. .

SECTION 14: TRANSPORTATION INFORMATION

Proper Shipping Name
Air: Wire Not regulated
Ground: Wire Not regulated

SECTION 15: REGULATORY INFORMATION

SECTION 313 SUPPLIER NOTIFICATION
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

Chemical Name	CAS#	Wt. % Range
Copper	7440-50-8	90.0-98.0

This information should be included on all MSDSs copied and distributed for this material.
TOXIC SUBSTANCES CONTROL ACT (TSCA).
All ingredients of this product are listed on the TSCA Inventory.

SECTION 16: OTHER INFORMATION

Product should be used only with adequate ventilation to quickly disperse vapors produced during the desoldering process. Mechanical ventilation should be used when large volumes of such fumes are produced. If such ventilation is not available personnel should wear NIOSH approved organic vapor respirators equipped with particulate dust filters specified for use during welding or soldering.

MSDS# 1403 50, 80, 90 SERIES PART NUMBERS
50-1-5, 50-2-5, 50-3-5, 50-4-5, 50-5-5, 50-6-5, 50-1-10, 50-2-10, 50-3-10, 50-4-10, 50-5-10,50-1-25, 50-2-25, 50-3-25, 50-4-25, 50-5-25, 50-1-50, 50-2-50, 50-3-50, 50-4-50, 50-5-50,50-6-50, 50-1-100, 50-2-100, 50-3-100, 50-4-100, 50-5-100, 50-6-100, 50-1-500, 50-2-500, 50-3-500, 50-4-500, 50-5-500, 50-6-250, 80-1-5, 80-2-5, 80-3-5, 80-4-5, 80-5-5, 80-6-5, 80-1-10, 80-2-10, 80-3-10, 80-4-10, 80-5-10, , 90-00-5, 90-01-5, 90-02-5, 90-00-10, 90-01-10, 90-02-10, SW15015, SW15025, SW15035, SW15045, SW15055, SW18015, SW18025, SW18035 , SW18045, SW18055, 80-BGA-5, SW180BGA

REFERENCES: 29 CFR 1910.1200 40 CFR 300-700 ANSI Z400.1-1993
NIOSH RTECS provided by CHEM-BANK by SILVERPLATTER
Guide to Occupational Exposure Values 1996

To the best of our knowledge, the information contained herein is accurate. However, all materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist.

20-2770, 20-2771, 20-2775, 20-2776, 20-2777, 20-2778,20-2780, 20-278I, 20-2782, 20-2783, 20-2785, 20-2786, 20-2787, 20-2788, 20-2790, 20-2791, 20-2792, 20-2793 20-2795, 20-2796, 20-2797, 20-2798