

**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: February 10, 2007

**Product Identification****SODER-WICK® LEAD-FREE SD**

**Product Code: 40 Series**

**SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS****Product Ingredient Information**

|        | CAS#      | Wt. % Range |
|--------|-----------|-------------|
| Copper | 7440-50-8 | 98.0-99.0   |
| Rosin  | 8050-09-7 | 1.0-2.0     |

**SECTION 3: HAZARD IDENTIFICATION**

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

Potential Health Effects:

Eyes: Vapors released from the desoldering process may cause eye irritation.

Skin: Prolonged contact may cause skin irritation and/or sensitization.

Ingestion: Not likely.

Inhalation: Vapors from soldering processes may cause irritation of the nose and throat. Respiratory sensitization may result from inhalation of rosin fumes.

Pre-Existing Medical Conditions Aggravated by Exposure: Lung and skin.

**SECTION 4: FIRST AID MEASURES**

Eyes: 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: If skin irritation occurs wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

Ingestion: Get medical attention.

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

**SECTION 5: FIRE FIGHTING MEASURES**

Flash Point: Nonflammable

LEL/UEL: Not applicable

Extinguishing Media: Water fog, CO<sub>2</sub>, 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 and 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 and skin. Wash hands before eating. Use with adequate ventilation. Avoid breathing vapors given off by the 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 TLV             | OSHA PEL              | ACGIH STEL |
|---------------|-----------------------|-----------------------|------------|
| Copper        | 0.2 mg/m <sup>3</sup> | 1.0 mg/m <sup>3</sup> | NA         |
| Rosin         | NA                    | NA                    | NA         |

Work/Hygienic Practices: Ventilation is recommended to control airborne levels of desoldering process vapors. 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          | 0    | 0    |
| Personal Protection | -    | -    |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Rosin coated braided copper wire

Odor: Mild

pH: NA

Vapor Pressure: NA

Vapor Density: NA

Color: Copper metallic

Solubility in Water: Insoluble

Specific Gravity: NA

Evaporation Rate: NA

Viscosity: NA

Percent Volatile: NA

Boiling Point: NA

Conditions to Avoid: NA

Mutagenic effects: none

**1-800-424-8802**

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

Not regulated

**WHMIS:** Not hazardous. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Product should be used only with adequate ventilation. Mechanical ventilation is recommended on all soldering stations. 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.

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.