

**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 17, 2010

**Product Identification**

**SODER-WICK® UNFLUXED, SODER-WICK® UNFLUXED SD**

**Product Code: 70, 75 Series (All Part Numbers)**

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

Product Ingredient Information	CAS#	Wt. % Range
Copper	7440-50-8	100.0%

**SECTION 3: HAZARD IDENTIFICATION**

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

**Potential Health Effects:**

**Eyes:** Vapors released from other materials used in 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 the inhalation of rosin fumes.

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

**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 persist. 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, 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

**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	1	1
Personal Protection	-	-

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Braided copper wire

**Odor:** None

**pH:** NA

**Vapor Pressure:** NA

**Vapor Density:** MA

**Color:** Copper metallic

**Solubility in Water:** Insoluble

**Specific Gravity:** (Water =1) 8.92

**Evaporation Rate:** NA

**Viscosity:** NA

**Percent Volatile:** NA

**Boiling Point:** 604 F @ 100mm Hg

**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.

**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 and cause respiratory sensitization.

Ingestion:

Not a typical route of exposure.

Skin:

Can cause skin sensitization 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

Reproductive effects: none

Teratogenic effects: none

Mutagenic effects: none

**SECTION 12: ECOLOGICAL INFORMATION****Environmental Impact Information**

No environmental impact is anticipated if product is disposed of according to all federal, state and local regulations.

**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**

**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	100.0%

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.

**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.

**SECTION 16: OTHER INFORMATION**

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.