

Xuron Corporation

Material Safety Data Sheet - Xuro-Wick Desoldering Braid

Section 1: Chemical Product and Company Information

Xuron Corporation
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Saco, ME 04072

Product Information: 207-283-1401
Emergency : 207-283-1401
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Product Identification: Desoldering braid - Part Number (s) 1000-1, 1000-2, 1000-3, 1000-4, W4015-1, W4015-2, W4015-3, W4015-4

Section 2: Composition, Information on Ingredients

<u>Product Ingredient Information</u>	<u>CAS#</u>	<u>Wt.% Range</u>
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.

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 tissue.

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

Preexisting 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 persists. Wash clothing separately before reuse.

Ingestion: Do not induce vomiting. Get 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

Flashpoint: Non-flammable

Extinguishing Media: Water fog, CO2, Dry Chemical, foam are compatible for extinguishing fires involving other materials when desoldering braid is present.

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

LEL/UEL: N/A

Section 6: Accidental Release Measures

Small spills: Pick up spilled braid. If soiled or dirty, store in closed container for delivery to a metals recycling center. Do not dispose 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/Personal Protection

Exposure Guidelines:

<u>Chemical Name</u>	<u>AGGIH TWA</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
Copper	0.2 mg/m ³	1/0 mg/m ³	n/a
Rosin	n/a	n/a	n/a

Work / Hygienic Practices: Good 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.

<u>NFPA and HMIS Codes:</u>	<u>NFPA</u>	<u>HMIS</u>
Health	1	1
Flammability	0	0
Reactivity	1	1
Personal Protection	None	A

Section 9: Physical and Chemical Properties

Physical State: Rosin Coated

Braided Copper Wire

Solubility in Water: Insoluble

Odor: Sharp, Metallic odor

Specific Gravity (H₂O=1) : 8.92

Vapor Pressure: N/A

Evaporation Rate (Butyl Acetate=1) : <1

Vapor Density: >1

Color: Copper Metallic

Boiling Point: 212° F

Viscosity: N/A

pH: N/A

Melting Point: 1083 F

Section 10: Stability and Chemical Properties

Stability: Stable

Incompatibility (Material to avoid) : Do not mix with powdered alkali and alkaline earth metals or strong oxidizing agents.

Conditions to Avoid: None Known

Hazardous Polymerization: Will not occur.

Products of Decomposition: Carbon Dioxide, carbon monoxide

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.

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

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 Considerations

Proper Shipping Name - Wire. Not regulated for either air or ground shipments.

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 Part 372)

<u>Chemical Name</u>	<u>CAS #</u>	<u>Wt. % Range</u>
Copper	7440-50-8	90.0 - 98.0

Toxic Substance Control Act (TCSA):

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.

The information contained in this form is presented in good faith and believed to be accurate as of the date this document was prepared. It is the buyers responsibility to ensure that its activities comply with federal, state or provincial, and local laws.