

# Material Safety Data Sheet

<b>Revision Date</b> March 18, 2008	<b>Prepared by</b> Patti Rogers	<b>Technical Information</b> 1-800-201-8822 or <a href="mailto:support@mgchemicals.com">support@mgchemicals.com</a>
<b>Head Office</b> 9347 - 193 Street, Surrey, B.C., V4N 4E7		<b>Emergency</b> Phone Canutech (613) 996-6666 Collect 24 hrs

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## Section 1: Product Identification

**MSDS Code: 423 - 474**

**Name: Super wick Desoldering Braid**

**Related Part Numbers: 423; 424; 424-LF; 424-NS; 425; 425-LF; 425-NS; 426; 426-LF; 426-NS; 427; 442; 443; 444; 451; 452; 453; 453-NS; 454; 454-NS; 462; 463; 464; 471; 472; 473; 474**

Use: Desoldering

## Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
7440-50-8	Pure copper metal	99.9%	0.1mg/m <sup>3</sup>	N/e	N/e
8050-09-7	Modified rosin	0.1%	N/e	N/e	N/e

## Section 3: Hazards Identification

**WHMIS Codes:** N/a

**NFPA Ratings:** Health 0 Flammability 1 Reactivity 0

**HMIS Ratings:** Health 0 Flammability 1 Reactivity 0

**Eyes:** May cause eye irritation.

**Skin:** Rosin may cause allergic reactions.

**Inhalation:** May cause respiratory tract irritation.

**Ingestion:** Wire strands could cause digestive tract bleeding. May be moderately irritating to stomach lining.

**Chronic:** No known effects.

## Section 4: First Aid Measure

**Eyes:** Remove contact lenses. Flush with water or saline.

**Skin:** Wash skin with soap and water.

**Inhalation:** Immediately remove from exposure to fresh air. Get medical aid if symptoms persist.

**Ingestion:** Induce vomiting. Get medical aid.

## Section 5: Fire Fighting Measures

**Autoignition Temperature:** N/a

**Flash Point:** N/a

**LEL**  
/ N/a  
**UEL:**

**Extinguishing Media:** Powder Dolomite sodium or graphite. Do not use water.

**General Information:** Copper reacts violently with C<sub>2</sub>H<sub>2</sub>, NH<sub>4</sub>NO<sub>3</sub>, Bromates, Chlorates, Iodates, Cl<sub>2</sub>, ClF<sub>2</sub>, C<sub>1</sub>F<sub>2</sub>, Ethylene Oxide, F<sub>2</sub>, H<sub>2</sub>O<sub>2</sub>, Hydrazine monoitrate, Hydrazine acid, H<sub>2</sub>S, K<sub>2</sub>O<sub>2</sub>, NaN<sub>3</sub>, Na<sub>2</sub>O<sub>2</sub>, CUNO<sub>3</sub>,S

## Section 6: Accidental Release Measures

**Spill Procedure:** Vacuum or sweep up and dispose of as a noncombustible solid.

## Section 7: Handling and Storage

**Handling:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose to heat or flame.

**Storage:** Store in a cool, dry, well-ventilated area.

## Section 8: Exposure Controls

**Routes of entry:** Eyes, inhalation, and skin.

**Ventilation:** Use adequate general or local exhaust ventilation.

**Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wearing gloves is recommended, either beina, neoprene or, vitron.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Solid	<b>Odor:</b> None	<b>Solubility:</b> N/a	<b>Evaporation Rate:</b> N/e
<b>Boiling Point:</b>	1082°C/ 1981°F	<b>Specific Gravity:</b> N/e	<b>Vapor Pressure:</b> N/e	<b>Vapor Density:</b> N/e <b>pH:</b> N/a

## Section 10: Stability and Reactivity

**Stability:** Stable at normal temperatures and pressures.

**Conditions to avoid:** Temperatures over 80°C (180°F), and incompatible materials

**Incompatibilities:** C<sub>2</sub>H<sub>2</sub>, NH<sub>4</sub>NO<sub>3</sub>, bromates, chlorates, iodates, Cl<sub>2</sub>, ClF<sub>2</sub>, ethylene oxide, F<sub>2</sub>, H<sub>2</sub>O<sub>2</sub>, hydrazine mononitrate, hydrazoic acid, H<sub>2</sub>S, K<sub>2</sub>O<sub>2</sub>, NaN<sub>3</sub>, and Na<sub>2</sub>O<sub>2</sub>

**Polymerization:** Will not occur.

**Decomposition:** N/e

## Section 11: Toxicological Information

**Sensitization:** (effects of repeated exposure) No

**Carcinogenicity:** (risk of cancer) No

**Teratogenicity:** (risk of malformation in an unborn fetus) No

**Reproductive Toxicity:** (risk of sterility) No

**Mutagenicity:** (risk of heritable genetic effects) No

<b>Lethal Exposure Concentrations:</b>	<b>Ingestion (LD50):</b> n/e	<b>Inhalation (LC50):</b> n/e	<b>Skin (LD50):</b> N/e
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## Section 12: Ecological Information

**General Information:** Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

**Environmental Impact Data:** (percentage by weight)

**CFC:** 0      **HFC:** 0      **Cl.Solv:** 0      **VOC:** 0      **HCFC:** 0      **ODP:** 0

## Section 13: Disposal Information

**General Information:** Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

## Section 14: Transportation Information

### Ground:

Non-regulated **Refer to USA CFR 49 regulations and Canadian Transportation of Dangerous Goods regulations for regulated products.**

This product is **not regulated** by this mode of transport

### Air:

**Shipper must be trained and certified. Refer to IATA Dangerous Goods Regulations.**

**UN Number:** None

**UN Pack Group:** Not applicable

**UN Class:** Nonhazardous

**ICAO/IATA:** Nonhazardous

**IMDG Class:** Nonhazardous

**Shipping Name:** Nonhazardous

### Sea:

**Shipper must be trained and certified for regulated products. Refer to IMDG regulations.**

This product is **not regulated** by this mode of transport.

## Section 15: Regulatory Information

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.**

**SARA** (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

**EPCRA** (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

**TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

**CAA** (Clean Air Act, USA)

This product does not contain any class 1-ozone depletors.

This product does not contain any class 2-ozone depletors.

This product does not contain any chemicals listed as hazardous air pollutants.

**California Proposition 65** (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

## Section 15: Regulatory Information Cont....

### Health Canada

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

### Environment Canada

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

### Industry and Science Canada

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.

**RoHS** (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

## Section 16: Other Information

**Definitions:** N/a = not applicable, n/e = not established

**Disclaimer:** This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.