



Material Safety Data Sheet

Copper Powder

MSDS No. 952

Date Of Preparation: June 30, 2011

Revision: 0005

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Copper Powder**General Use:** Mineral Filler**Manufacturer:** Smooth-On Inc., 2000 St. John St., Easton PA 18042

Phone (610) 252-5800, FAX (610) 252-6200

Emergency Contact: Chem-Tel

Domestic 800-255-3924

International 813-248-0585

Section 2- Hazards Identification

Europe

Canada





HMIS	
H	1
F	0
R	0

Xi: Irritant N: Dangerous for the environment

Information pertaining to particular dangers**R36/37/38:** Irritating to eyes, skin and respiratory tract.**R52:** Harmful to aquatic organisms.

Classified according to Articles 6 & 7 of Directive 1999/45/EC

Section 3 - Composition / Information on Ingredients

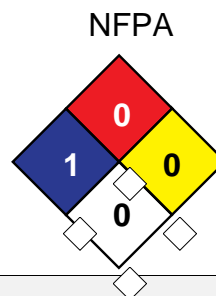
Component	ACGIH TWA	OSHA PEL	Hazard Designation	Weight Percent (%)
Copper CAS Number: 7440-50-8 EINECS Number: 231-159-6	0.1 mg/m ³	0.2 mg/m ³	 Xi  N	100

Section 4 - First Aid Measures

Inhalation: Remove source(s) of contamination and move victim to fresh air.**Eye Contact:** Flush eyes with plenty of water. If irritation persists, seek medical attention.**Skin Contact:** In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse.**Ingestion:** Do not induce vomiting unless instructed by a physician. Contact physician immediately**After first aid, get appropriate in-plant, paramedic, or community medical support.**

Section 5 - Fire-Fighting Measures

Flash Point: Not Applicable
Flash Point Method: Not Applicable
Flammability Classification: Not Applicable
Extinguishing Media: Not Applicable
Unusual Fire or Explosion Hazards: None
Hazardous Combustion Products: Not Applicable



Section 6 - Accidental Release Measures

Not Applicable

Section 7 - Handling and Storage

Handling Precautions: Use good general housekeeping procedures.
Storage Requirements: Store in Closed containers. Use only with adequate ventilation

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: Follow OSHA respirator regulations 29 CFR 1910.134 and European Standard EN 149; wear an MSHA/NIOSH or European Standard EN149 approved respirator.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.



Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Product Form:	Bulk Solid	Vapor Density (Air=1):	Not Determined
Appearance and Odor:	copper color, odorless	Water Solubility:	Insoluble
Vapor Pressure:	Not Determined	Melting Point:	1960°F (1071°C)
Specific Gravity:	8.92	Boiling Point:	4703°F (2595°C)
		Evaporation Rate:	Not Determined

Section 10 - Stability and Reactivity

Stability: This product is stable at room temperature.

Chemical Incompatibilities: Strong alkalis, chlorates, bromates, turpentine, mineral acids, amines.

Polymerization: Hazardous polymerization cannot occur.

Hazardous Decomposition Products: Thermal oxidative decomposition can produce; hydrogen and noxious copper.

Section 11- Toxicological Information

Eye Effects: Irritation
Skin Effects: Irritation

Carcinogenicity: None Determined
Mutagenicity: None Determined
Teratogenicity: None Determined

Section 12 - Ecological Information

None Established

Section 13 - Disposal Considerations

Disposal: Must be disposed of in accordance with applicable Federal, state and local regulations.

Section 14 - Transport Information

DOT	IATA	IMDG
Not Regulated	Not Regulated	Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, Solid, N.O.S. Copper Metal Powder UN #: 3077 Hazard Class: 9 Label: Marine Pollutant

Section 15 - Regulatory Information**United States Regulations****SARA 311/312 Codes:**

This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

<u>Chemical Name</u>	<u>CAS #</u>	<u>% by Weight</u>
Copper	7440-50-8	100

SARA Toxic Chemical (40 CFR 372.65):

<u>Chemical Name</u>	<u>CAS #</u>	<u>% by Weight</u>
Copper	7440-50-8	100

CERCLA Hazardous Substance (40 CFR 302.4) listed specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112:

<u>Components That Require Reporting</u>	<u>RQ</u>	<u>% of Reportable Component</u>
Copper	5000 lb.	100

TSCA Inventory Status (40 CFR710): All components of this formulation are listed in the TSCA Inventory.

Section 15 - Regulatory Information (Continued)

United States EPA Regulations:

US TSCA Inventory Status (40 CFR 710): All components of this product are listed on the TSCA inventory.

California Proposition 65: This product does not intentionally contain any chemicals which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.



Canadian Regulations;

WHMIS Identification: **D2B**

CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): **Listed on CDSL**



Labeling according to EEC Directive

Risk Phrases	Symbol(s) Required for EU Label	Safety Phrases
<p>R36/37/38: Irritating to eyes, skin and respiratory tract.</p> <p>R52: Harmful to aquatic organisms.</p>	 Xi: Irritant  N: Dangerous for the environment	<p>S7: Keep container tightly closed.</p> <p>S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S33: Take precautionary measures against static charges.</p> <p>37/39: Wear suitable protective clothing, gloves and eye and face protection.</p>

16 - Other Information

Disclaimer: The information contained in this MSDS is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006/EEC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European Union (EU/EEC) directive 1907/2006/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives.