

MATERIAL SAFETY DATA SHEET

Document Number MSDS-MF-001

SECTION 1: NAME AND PRODUCT

Name:

SELEE Corporation

Address:

700 Shepherd Street
Hendersonville, NC 28792 U.S.A.

Product Name:

CUCU, Copper foam

Product Type:

Metal foam

Contact:

Safety & Environmental Compliance Officer

Emergency Telephone Phone Number:

(828) 697-2411
(800) 438-7274

Telephone Number for Information:

(828) 697-2411
(800) 438-7274

Date Prepared:

31 Oct 06

Date Superseded:

10 Dec 04

Revision

3

SECTION II: REGULATED INGREDIENTS*

Chemical Name	CAS #	Weight Percent Range	OSHA PEL (TWA)	ACGIH TLV (TWA)	Carcinogen Y/N
Copper	7440-50-8	100	1 mg/m3 * 0.1 mg/m3 **	1 mg/m3 * 0.2 mg/m3 **	N

*- limit for Respirable dust

**- limit for Respirable fume

SECTION III: HAZARD IDENTIFICATION

Inhalation:

Minimal inhalation hazard of particles.

Eyes/Skin:

Abrasion hazard.

Ingestion:

Unlikely

SECTION IV – HEALTH, FIRST AID AND MEDICAL TREATMENT

Inhalation: Health Hazards (Acute and Chronic):
Avoid inhaling dust or fumes. Treat as nuisance dust. Can cause metal fume fever (flu like symptoms) if fumes are inhaled.

Emergency and First Aid Procedures:
Treat as nuisance dust. Remove to fresh air.

Ingestion: Health Hazards (Acute and Chronic):
Unlikely. Can cause metal fume fever (flu like symptoms) if fumes are ingested.

Emergency and First Aid Procedures:
Call a physician

Skin: Health Hazards (Acute and Chronic):
Abrasive, recommend wearing protective equipment

Emergency and First Aid Procedures:
Wash with soap and water

Eye: Health Hazards (Acute and Chronic):
Particle may enter eye

Emergency and First Aid Procedures:
Flush eye with water. See doctor if irritation proceeds

Other Potential Risks: Health Hazards (Acute and Chronic):
N/A

Emergency and First Aid Procedures:
N/A

Health Hazard Rating: **Health Hazard Rating Explanation:**
0 0 – Normal Material 3 – Extreme Danger
 1 – Slightly Hazardous 4 – Deadly
 2 – Hazardous

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A (Method Used): N/A Flammable Limits:
LEL: N/A UEL:

Extinguishing Media: N/A, dry sand

Special Fire Fighting Procedures: N/A

Explosion Potential: N/A

Fire Hazard Rating: **Fire Hazard Rating Explanation:**
0 0 – Will Not Burn 3 – Below 100°F (38°C)
 1 – Above 200°F (93°C) 4 – Below 73°F (23°C)
 2 – Below 200°F (93°C)

SECTION VI – ACCIDENTAL RELEASE

Steps to be Taken in Case of Leaks or Spills:

Sweep up and dispose of in accordance with FEDERAL, STATE and LOCAL REGULATIONS.

SECTION VII – STORAGE, HANDLING AND USE PROCEDURES

Normal Storage and Handling:

When storing keep dry. Do not use wet. Do not store near acids or reactive substances.

Normal Use:

Keep dry

SECTION VIII – PERSONAL PROTECTION INFORMATION

Respiratory Protection: If ventilation alone cannot so control exposure, use NIOSH-approved respirators selected according to OSHA 29 CFR 1910.134.

Ventilation:

General and local exhaust ventilation, engineering controls, and good housekeeping practices are recommended to keep dust concentrations below the permissible exposure limits.

Protective Gloves: Recommended

Eye Protection: Safety Goggles

SECTION IX: PHYSICAL AND CHEMICAL DATA

Boiling Point: 2567 C

Melting Point: 1083 C

Specific Gravity: N/A

Vapor Pressure: N/A

Percent Volatile by Vol.: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Solubility by Water: N/A

Appearance and Odor: copper metallic color, odorless, metallic luster

SECTION X – STABILITY AND REACTIVITY DATA

Stability:

Stable: X

Unstable:

Hazardous Polymerization:

Will Occur:

Will Not Occur: X

Incompatibility (Materials to Avoid): Acids

Decomposition Products: Nitrogen oxide if reacted with nitric acid

Conditions to be Avoided:

Do not store near acids or reactive substances.

Reactivity Rating:

0

Reactivity Rating Explanation:

0 – Stable

1 – Unstable if Heated

2 – Violent Chemical Change

3 – Shock and Heat May Detonate

4 – May Detonate

SECTION XI – TOXICOLOGICAL CONSIDERATIONS

Toxicity:

N/A solid

SECTION XII – ECOLOGICAL CONSIDERATIONS

Mobility:

N/A solid

Persistence and degradability

N/A solid

Bioaccumulation:

N/A solid

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Disposal in accordance with FEDERAL, STATE and LOCAL REGULATIONS.

SECTION XIV – TRANSPORTATION CONSIDERATIONS

No components hindering transport.

SECTION XV – REGULATORY CONSIDERATIONS

R 36/38: Irritating to eyes or skin

S 36/37: Wear suitable protective clothing and gloves

SECTION XVI – ADDITIONAL INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains chemicals subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372.

Oxidizer	Oxy	Alkali	ALK
Acid	ACD	Corrosive	COR
Use No Water	NW	Radiation Hazard	R

NAIF = No Applicable Information Found

N/A = Not Applicable