



# HUSSEY COPPER LTD.

BY: HUSSEY COPPER CORP., GENERAL PARTNER  
LEETSDALE, PA 15056

M.S.D.S. HC-85-155

DATE: 3/26/85

REV. DATE: 11/11/85

REVISION NO.: \_\_\_\_\_

## MATERIAL SAFETY DATA SHEET

### SECTION I

MANUFACTURER'S NAME: HUSSEY COPPER LTD.  
 ADDRESS: Washington Street LEETSDALE, PA. 15056  
 EMERGENCY PHONE NO.: 412-857-4200  
 CHEMICAL NAME AND SYNONYMS: COPPER, CAS #7440-50-8  
 TRADE NAME AND SYNONYMS: SUPER SILVER COPPER CDA ALLOY 155

CHEMICAL FAMILY: COPPER

### SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	PPM	TLV	Mg/M <sup>3</sup>
Base Metal Copper	99.75*			See Section V

### HAZARDOUS MIXTURES OF OTHERS LIQUIDS, SOLIDS, OR GASES:

If exposure to copper dust/fume is kept below TLV, all trace elements should not pose any health risk.

\* Copper plus silver - 155 copper is expected to contain < .1% Ag

### SECTION III - PHYSICAL DATA

MELTING 1972° F  
 Vapor Pressure (mm Hg.)  
 Solubility in Water negligible  
 Specific Gravity (H<sub>2</sub>O = 1) 8.9

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Not applicable  
 Extinguishing Media Not applicable  
 Special Fire Fighting Procedures Not applicable  
 Unusual Fire and Explosion Hazards Not applicable

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**SECTION V – HEALTH HAZARD DATA**

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**THRESHOLD LIMIT VALUE:** Copper, Dust 1 Mg/M<sup>3</sup> , Fume 0.1 Mg/M<sup>3</sup>

**EFFECT OF OVERDOSE:** Fume and dust - sneezing, congestion, nausea, metallic taste, chills, fever. Not known to be carcinogenic.

**EMERGENCY AND FIRST AID PROCEDURES:**

Skin / flush thoroughly with water. Eyes / flush with water, call physician.  
Ingestion - drink water induce vomiting, call Physician. Inhalation - remove victim to fresh air, call Physician.

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**SECTION VI – REACTIVITY DATA**

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**STABILITY - Stable**

**INCOMPATIBILITY (material to avoid):** (Dust & Fume) acetylene, chlorine

**HAZARDOUS DECOMPOSITION PRODUCTS :** Copper Fume

**HAZARDOUS POLYMERIZATION - Will Not Occur**

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**SECTION VII – SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Dust or Fume – wear respirator follow OSHA use instructions, shovel up, or vacuum and place in approved DOT container and seal. Wash contaminated clothing.

**WASTE DISPOSAL METHOD:**

Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Follow federal, state and local regulations for disposal.

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**SECTION VIII – SPECIAL PROTECTION INFORMATION**

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**RESPIRATORY PROTECTION (Specify Type) :** dust or fume - NIOSH/MSHA approved  
dust/fume respirator

**VENTILATION - Local Exhaust:** dust/fume - if TLV values exceeded

**EYE PROTECTION:** (dust) goggles

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**SECTION IX – SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Avoid breathing dust or fumes. Do not take internally.