



RCUD JUNE 2002

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

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

735-043/567265

DATE: 3/26/85

REV. DATE: 4/21/86

REVISION NO.: 1

**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  
**TRADE NAME AND SYNONYMS:** SUPER SILVER COPPER CDA ALLOY 155

**CHEMICAL FAMILY:**

COPPER

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT	PERCENT	GAS NO.	OSHA-PEL/ACGIH-TLY
Base Metal Copper	99.75* MIN	7440-50-8	Exposure Levels See Section V

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

If exposure to copper dust/fume is kept below Permissible Exposure Limits (PEL)/  
Threshold Limit Value (TLV) all trace elements should not pose any health risk.

\* Copper plus silver - 155 copper is expected to contain less than .1% silver.

**SECTION III - PHYSICAL DATA**

**MELTING** 1972° F  
**Vapor Pressure (mm Hg.)** Not applicable  
**Solubility in Water** negligible  
**Specific Gravity (H<sup>2</sup>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

\* Under normal conditions. Heavy concentrations of fine copper dust may cause flash fire if exposed to ignition source.  
(over)

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**SECTION V - HEALTH HAZARD DATA**

**EXPOSURE LEVELS:** Copper dusts and mists - OSHA (PEL): TWA = 1MG/M<sup>3</sup>. ACGIH (TLV): TWA = 1 MG/M<sup>3</sup>  
Copper fume - OSHA (PEL): TWA = 0.1 MG/M<sup>3</sup>, ACGIH (TLV): TWA = 0.2 MG/M<sup>3</sup>.

**CARCINOGENICITY:** Not listed as a carcinogenic in NTP or IARC monographs.

**EFFECT OF OVERDOSE:** Fume and dust - sneezing, congestion, nausea, metallic taste, chills, fever.

**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.  
Copper fume, dusts and mists are listed by OSHA as air contaminants.

**PRIMARY ROUTE(S) OF ENTRY:** Inhalation

**SECTION VI - REACTIVITY DATA**

**STABILITY - Stable**

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

**HAZARDOUS DECOMPOSITION PRODUCTS :** Copper Fume/dust

**HAZARDOUS POLYMERIZATION - Will Not Occur**

**SECTION VII - SPILL OR LEAK PROCEDURES****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.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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

**VENTILATION - Local Exhaust:** dust/fume - if exposure levels exceeded.

**EYE PROTECTION:** (dust) goggles

**SECTION IX - SPECIAL PRECAUTIONS**

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