



HUSSEY COPPER LTD.

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

M.S.D.S. HC-85-100LC

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; LEAD, CAS#7439-92-1

TRADE NAME AND SYNONYMS: Lead coat, copper, lead, Pb coated copper
Lead coated copper sheets

CHEMICAL FAMILY: COPPER AND LEAD

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	PPM	TLV	Mg/M ³
Copper base metal Lead Coating	99.9 15 lbs. max per 100 ft. ² of copper surface			See Section V

HAZARDOUS MIXTURES OF OTHERS LIQUIDS, SOLIDS, OR GASES:

If exposure to copper dust/fume and lead dust/fume are kept below TLV's all trace elements should not pose any health risk.

SECTION III - PHYSICAL DATA

MELTING copper 1449° F, lead 621° F

Vapor Pressure (mm Hg.)

Solubility in Water negligible

Specific Gravity (H²O = 1) copper 8.9 lead 11.0

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

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Copper, Dust 1 Mg/M³ , Fume 0.1 Mg/M³ Lead, Dust and Fume 0.15 Mg/M³

EFFECT OF OVERDOSE: Lead-general: Pallor, weakness, loss of weight, fatigue, malnutrition.
Copper Fume and Dust: sneezing, congestion, nausea, metallic tastes, chills, fever. Not known to be carcinogenic. Lead is a toxic and hazardous substance regulated by 29 C.F.R. Sect. 1910 Subpart z.

EMERGENCY AND FIRST

EMERGENCY AND FIRST AID PROCEDURES:

Skin: Flush thoroughly with water. Eyes - Flush with water, call Physician. Ingestion - call Physician. Inhalation - Remove victim to fresh air - call Physician

SECTION VI – REACTIVITY DATA

STABILITY - Stable

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

HAZARDOUS DECOMPOSITION PRODUCTS : Copper Fume

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 TLV values 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. Do not eat or smoke while handling material. Wash hands.
Preclude from exposure to fume and dust those individuals with diseases of central nervous system, kidneys and blood.