MATERIAL SAFETY DATA SHEET

SECTION 1

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 11 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>PERCENT</th>
<th>PPM</th>
<th>TLV</th>
<th>Mg/M³</th>
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<tbody>
<tr>
<td>Base Metal Copper</td>
<td>99.75*</td>
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<td>See Section V</td>
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</tbody>
</table>

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 111 - PHYSICAL DATA

MELTING 1972° F
Vapor Pressure (mm Hg.)
Solubility in Water negligible
Specific Gravity (H₂ O = 1) 8.9

SECTION 11V - 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/M^3, Fume 0.1 Mg/M^3

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.

SECTION VI - REACTIVITY DATA

STABILITY - Stable

INCOMPATABILITY (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 VII - 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.