

COPPER LEADTEX SHEET, COPPER-CR & HR

MSDS Number

CKMYG

National Stock Number

5330-00-641-0037

Product Name

COPPER LEADTEX SHEET, COPPER-CR & HR

Manufacturer

A M CASTLE AND CO

Product Identification

Product ID: COPPER LEADTEX SHEET, COPPER-CR & HR

MSDS Date: 10/01/1997

FSC: 5330

NIIN: 00-641-0037

Status Code: A

MSDS Number: CKMYG

Responsible Party

A M CASTLE & CO

3400 N WOLF ROAD

FRANKLIN PARK, IL 60131

US

Emergency Phone: 847-455-7111

Info Phone: 847-455-7111

Cage: 11045

Contractor

CASTLE A M AND CO

FRANKLIN PARK, IL 60131-1319

US

847-455-7111

Cage: 11045

Ingredients

COPPER (SARA III)

CAS: 7440-50-8

RTECS: GL5325000

OSHA PEL 0.1MG/M3 FUME/1 DUST

ACGIH TLV: 0.2MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

LEAD (SARA III)

CAS: 7439-92-1

RTECS: OF7525000

Fraction By Weight: COATING

OSHA PEL0.05 MG/M3;1910.1025

ACGIH TLV: 0.15 MG/M3;DUST 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

PHOSPHORUS

CAS: 7723-14-0

RTECS: TH3495000

OSHA PEL0.1 MG/M3

ACGIH TLV: 0.1 MG/M3;0.02 PPM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

ANTIMONY

SELENIUM

BISMUTH

CAS: 7440-69-9

RTECS: EB2600000

Hazards

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SHORT TERM EXPOSURE TO FUMES/DUST MAY PRODUCE IRRITATION TO THE EYES AND RESPIRATORY SYSTEM. INHALATION OF HIGH CONCENTRATIONS OF FRESHLY FORMED OXIDE FUMES OF COPPER AND LEAD MAY CAUSE METAL FUME FEVER CHARACTERIZED BY A METALLIC TASTE IN THE MOUTH AND IRRITATION OF THE THROAT AND INFLUENZA LIKE SYMPTOMS. INHALATION OR INGESTION OF LEAD PARTICLES MAY RESULT IN LEAD-INDUCED SYSTEMIC TOXICITY. SYM PTOMS OF LEAD POISONING INCLUDE ABDOMINAL CRAMPS, ANEMIA, MUSCLE WEAKNESS AND HEADACHE. PROLONGED EXPOSURE CAN CAUSE BEHAVIORAL CHANGES, KIDNEY DAMAGE, CNS DAMAGE AND REPRODUCTIVE EFFECTS.

Explanation of Carcinogenicity:THIS PRODUCT'S INGREDIENTS ARE NOT FOUND IN OSHA, NTP, IARC.

Effects of Overexposure:INHALATION OF HIGH CONCENTRATIONS OF FRESHLY FORMED OXIDE FUMES OF COPPER AND LEAD MAY CAUSE METAL FUME FEVER CHARACTERIZED BY A METALLIC TASTE IN THE MOUTH AND IRRITATION OF THE THROAT AND INFLUENZA- LIKE SYMPTOMS. LEAD INDUCED SYSTEMIC TOXICITY MAY CAUSE ABDOMINAL CRAMPS, ANEMIA, MUSCLE WEAKNESS AND HEADACHE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:IF EXPOSED TO EXCESSIVE LEVELS OF METAL FUMES, REMOVE TO FRESH AIR, SEEK MEDICAL AID IMMEDIATELY. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

Fire Fighting

Flash Point:NONE

Fire Fighting Procedures:PRODUCTS IN THE SOLID STATE PRESENT NO FIRE OR EXPLOSION HAZARD.

Unusual Fire/Explosion Hazard:DUST HAZARD EXISTS UNDER FAVORING CONDITIONS OF SMALL PARTICLE SIZE. DISPERSION IN AIR AND STRONG IGNITION SOURCE MAY RESULT IN EXPLOSION.

Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:NONE

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED DUST AND FUME RESPIRATOR SHOULD BE USED TO AVOID EXCESS INHALATION OF PARTICULATES WHEN EXPOSURE EXCEEDS TLVS.
Ventilation:LOCAL EXHAUST VENTILATION WHEN WELDING, BURNING, SAWING, BRAZING, GRINDING OR MACHINING WHEN EXPOSURE EXCEEDS TLV'S.
Protective Gloves:AS REQUIRED.
Eye Protection:SAFETY GLASSES OR GOGGLES.
Other Protective Equipment:AS REQUIRED BY THE WELDING STANDARDS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
ARC OR SPARK GENERATED WHEN WELDING OR BURNING COULD BE A SOURCE OF IGNITION FOR COMBUSTIBLE AND FLAMMABLE MATERIALS.

Chemical Properties

HCC:N1
Melt/Freeze Pt:>982.2C, #####F
Spec Gravity:>8
Appearance and Odor:COPPER METALLIC, ODORLESS
Corrosion Rate:N/KR

Stability

Stability Indicator/Materials to Avoid:YES
MERCURY, AMMONIA, ACETYLENE, ACIDS.
Stability Condition to Avoid:EXPOSURE DURING STORAGE TO STRONG ACIDS, BASES OR OXIDIZING AGENTS.
Hazardous Decomposition Products:TOXIC GASES, AEROSOLS AND VAPORS MAY BE RELEASED IN A FIRE INVOLVING COPPER ALLOYS IF FUMES OF OTHER COMPOUNDS INVOLVED.

Disposal

Waste Disposal Methods:ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.

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