

MATERIAL SAFETY DATA SHEET

CHEMAT TECHNOLOGY, INC.

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IDENTIFICATION

CHEMICAL NAME: Zinc (II) 2- ethylhexanoate
CATALOG NUMBER: Z122
FORMULA: Zn(OOCC₇H₁₅)₂
FORMULA WEIGHT: 351.79
TSCA: not listed in the TSCA inventory
CHEMICAL FAMILY: Metal carboxylate

HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS:	%	
Title compound	100	ACGIH(TLV): No data OSHA/PEL: No data

PHYSICAL DATA

APPEARANCE: Viscous liquid
MELTING POINT: No data
VAPOR PRESSURE: No data
SOLUBILITY IN WATER: Insoluble
BOILING POINT: Decomposes
SPECIFIC GRAVITY: No data

FIRE HAZARD

FLASH POINT: No data
EXTINGUISHING MEDIA: Carbon dioxide or dry powder
SPECIAL FIRE FIGHTING PROCEDURES: Combustible. If involved in a fire or heated to high temperatures, the material may burn. Burning material may release toxic and corrosive fumes. Use normal fire fighting procedures which include wearing NIOSH/MSHA approved self-contained breathing apparatus, flame, and chemical resistant clothing; hats, boots, and gloves. Leave the area unless fitted with a self-contained breathing apparatus and fire protective clothing.
UNUSUAL FIRE OR EXPLOSION HAZARDS: Combustible material. No unusual fire or explosion hazards.

HEALTH HAZARD

MODE OF ENTRY:
INHALATION: No
SKIN CONTACT: Yes
EYE CONTACT: Yes
INGESTION: Yes
CARCINOGENICITY:
NTP: No
IARC: No

OSHA: No

EFFECTS OF OVEREXPOSURE:

If the material is burning, then zinc compounds may result. Inhalation of fresh zinc oxide can cause a disease known as "brass founders' ague," or "brass chills." Zinc oxide dust can block the ducts of the sebaceous glands and give rise to a papular, pustular eczema.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove the victim to fresh air and seek medical attention if coughing, shortness of breath or irritation persists.

SKIN CONTACT: Wash the affected area with soap and water for at least 5 minutes.

EYE CONTACT: Immediately flush eyes, including under eyelids, with large amounts of water for at least 15 minutes. Call a physician.

INGESTION: Give the victim plenty of water and seek immediate medical attention.

-----**REACTIVITY DATA**-----

STABILITY: Air and moisture-stable material.

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Zinc oxide, CO, CO₂ and organic fumes

HAZARDOUS POLYMERIZATION: None

-----**ENVIRONMENTAL INFORMATION**-----

SPILL OR LEAKAGE PROCEDURES: Sweep up the solid and dispose of properly.

WASTE DISPOSAL: Consult state, local, or federal EPA regulations for proper disposal.

-----**PROTECTION AND PRECAUTIONS**-----

VENTILATION REQUIREMENTS: Local exhaust

RESPIRATORY PROTECTION: NIOSH/MSHA approved dust mask

PROTECTIVE GLOVES: Yes

EYE/FACE PROTECTION: Yes

HANDLING AND STORAGE: No special precautions needed in handling and storage.

OTHER PRECAUTIONS: No special precautions necessary. To minimize exposure handle the material in an efficient fume hood.

The information herein is believed to be accurate and reliable as of the date compiled. However, Chemat Technology, Inc. makes no representation, warranty or guarantee of any kind with respect to the information on this data sheet or any use of the product based upon this information.

DATE PREPARED: August 2003