

GELEST, INC.

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MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **ZINC ACRYLATE - CXZN015**
CHEMICAL NAME: ZINC ACRYLATE
SYNONYMS: ZINC ACRYLATE; ACRYLIC ACID, ZINC SALT
CHEMICAL FAMILY: ZINC COMPOUND
FORMULA: $C_6H_6O_4Zn$

HMIS CODES HEALTH: 3 FLAMMABILITY: 2 REACTIVITY: 0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV	OSHA PEL
ZINC ACRYLATE	14643-87-9	>95	not established	(OSHA PEL, nuisance dust: 15mg/m ³)

PHYSICAL DATA

Boiling Point: NA	Melting Point: >250°-decomposes
Specific Gravity: 1.60	Vapor Pressure: not determined
Vapor Density: NA	Solubility in water: slightly soluble
% volatiles: <3	Evaporation rate: NA
Molecular Weight: 207.50	Other: NA
Appearance & Color: White crystalline powder.	

FIRE & EXPLOSION DATA

Flash Point, COC: >110°C(>230°F) Autoignition Temp.: not determined
Flammability Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.

Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

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ENVIRONMENTAL INFORMATION

Spill response: Sweep material and transfer to a suitable container for disposal.

Recommended Disposal: Dispose of as solid waste. Follow all chemical pollution control regulations.

HEALTH HAZARD DATA

Eye Contact: May cause immediate or delayed severe eye irritation.

Skin contact: May produce irritation or contact dermatitis. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects. This material may produce an allergic skin reaction (sensitization) in susceptible people upon exposure.

Inhalation: Inhalation of dust or particulates may irritate the respiratory tract.

Oral Toxicity: not determined

Chronic Toxicity: not determined

SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Administer oxygen if needed. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.

REACTIVITY DATA

Stability: Stable

Conditions to avoid: Strong oxidizing agents, elevated temperature, direct sunlight.

Hazardous decomposition products: Organic acid vapors and zinc oxide fumes.

Hazardous polymerization is a possibility at elevated temperature, particularly in combination with other acrylates.

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SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV, NIOSH approved dust and mist respirator.

Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses.

Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

OTHER PRECAUTIONS

For research and industrial use only.

Storage and Handling: Store in sealed containers.

TRANSPORTATION

DOT SHIPPING NAME: CHEMICALS, NOI

DOT HAZARD CLASS: None required

DOT LABEL: None required

DOT ID No: None required

Prepared by safety and environmental affairs

ISSUE DATE CXZN015: 4/4/03

SUPERSEDES: 12/15/97

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