

GELEST, INC.

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MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **3-(3-ACETOXYPROPYL)HEPTAMETHYLTRISILOXANE - SIA0088.0**
CHEMICAL NAME: 3-(3-ACETOXYPROPYL)HEPTAMETHYLTRISILOXANE
SYNONYMS: BIS(TRIMETHYLSILOXY)(3-ACETOXYPROPYL)METHYLSILANE
CHEMICAL FAMILY: ORGANOSILANE
FORMULA: C₁₂H₃₀O₄Si₃

HMIS CODES HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV	OSHA PEL
3-(3-ACETOXYPROPYL)HEPTAMETHYLTRISILOXANE	18044-09-2	>95	not established	not established

PHYSICAL DATA

Boiling Point: 67-70°C @ 0.8mm	Freezing Point: <0°C
Specific Gravity: 0.912	Vapor Pressure, 20°: <0.1mm
Vapor Density (air=1): >1	Solubility in water: insoluble
% volatiles: <3	Evaporation rate (butyl acetate =1): <1
Molecular Weight: 322.62	Other: NA
Appearance & Color: Clear to straw liquid with mild odor	

FIRE & EXPLOSION DATA

Flash Point, COC: >65°C (>150°F) Autoignition Temp.: not determined
Flammability Limits: not determined

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.

-1-(SIA0088.0)

ENVIRONMENTAL INFORMATION

Spill response: May be hazardous to aquatic life if released to open waters. Cover spill with absorbent material. Transfer to a suitable container for disposal.

Recommended Disposal: May be incinerated. Alternately, absorb onto clay or vermiculite and dispose of absorbent material as solid waste. Follow all chemical pollution control regulations.

HEALTH HAZARD DATA

Eye Contact: May cause immediate or delayed eye irritation.

Skin contact: Irritation not expected from available information.

Inhalation: Inhalation of vapors or particulates of may irritate the respiratory tract. Overexposure may produce coughing, headache and nausea.

Oral Toxicity: not determined

Chronic Toxicity: There are no known chronic effects related to this compound.

SUGGESTED FIRST AID

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

SKIN: In the event of irritation, flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Call a physician.

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

REACTIVITY DATA

Stability: Stable in sealed containers.

Conditions to avoid: Combustible; avoid contact with heat, sparks or open flame.

Incompatibility (materials to avoid): Strong oxidizers.

Hazardous decomposition products: At elevated temperatures (exceeding 180°C) in the presence of acid, liberates organic acid vapors.

-2-(SIA0088.0)

SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV air-supplied or combination organic vapor acid gas 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 use only.

Storage and Handling: Store in sealed containers.

TRANSPORTATION

DOT SHIPPING NAME: CHEMICALS, NOI

DOT HAZARD CLASS: Not Regulated

DOT LABEL: Not Required

DOT ID No: Not Required

Prepared by safety and environmental affairs MSDS ISSUE DATE SIA0088.0: 1/3/14
SUPERSEDES: none

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-3-(SIA0088.0)

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