

GELEST, INC.

11 East Steel Rd. Morrisville, PA 19067
Phone: (215) 547-1015

MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME: **11-(SUCCINIMIDYLOXY)UNDECYLDIMETHYLETHOXYSILANE, 95% - SIS6995.0**
 CHEMICAL NAME: 11-(SUCCINIMIDYLOXY)UNDECYLDIMETHYLETHOXYSILANE
 SYNONYMS: 11-(HYDROXYSUCCINIMIDE)UNDECANOYLDIMETHYLETHOXYSILANE ESTER
 CHEMICAL FAMILY: ORGANOSILANE
 FORMULA: C₁₉H₃₇NO₄Si
 HMIS CODES HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 1

INGREDIENTS

IDENTITY	CAS NO.	%	TLV	OSHA PEL
11-(SUCCINIMIDYLOXY)UNDECYLDIMETHYLETHOXYSILANE	1274903-20-6	>90	not established	not established

PHYSICAL DATA

Boiling Point: 195-200°C at 0.6mm	Freezing Point: 28°C
Specific Gravity: not determined	Vapor Pressure, 20°: < 0.5mm
Vapor Density (air=1): >1	Solubility in water: reacts
% volatiles: NA	Evaporation rate: N/A
Molecular Weight: 385.58	Other: NA
Appearance & Color: Clear to straw liquid with amine (ammonia-like) odor.	

FIRE & EXPLOSION DATA

Flash Point, COC: >165°C (>329°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-(SIS6995.0)

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: Vapors may cause immediate or delayed severe eye irritation. Liquid can cause severe conjunctivitis and corneal damage.

Skin contact: May produce irritation or contact dermatitis which may be delayed several hours. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects. Sustained skin contact can result in potential absorption of harmful amounts of methanol and substituted aniline compounds.

Inhalation: Inhalation of vapors or particulates of aminoalkylsilanes will 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.

SKIN: 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): Reacts with water and moisture in air liberating methanol. Avoid contact with peroxides, oxidizing agents, alcohols, acids.

Hazardous decomposition products: Organic acid vapors, ethanol.

-2-(SIS6995.0)

SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV air-supplied or NIOSH approved combination organic vapor amine 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: Not Regulated

DOT LABELS: Not Required

DOT ID No: Not Required

Prepared by safety and environmental affairs

MSDS ISSUE DATE SIS6995.0: 1/21/15

SUPERSEDES: 4/11/12

The information contained in this document has been gathered from reference materials and/or Gelest, Inc. test data and is to the best knowledge and belief of Gelest, Inc. accurate and reliable. Such information is offered solely for your consideration, investigation and verification. It is not suggested or guaranteed that the hazard precautions or procedures described are the only ones which exist. Gelest, Inc. makes no warranties, express or implied, with respect to the use of such information and assumes no responsibility therefore. Information on this safety data sheet is not intended to constitute a basis for product specifications.

-3-(SIS6995.0)

© 2015 Gelest Inc. Morrisville, PA 19067