
SECTION 1. PRODUCT IDENTIFICATION

SUPPLIED BY:
CureUV
2801 Rosselle St.
Jacksonville, FL 32205

EMERGENCY CONTACT CHEMTREC: 1-800-424-9300

PRODUCT NAME:
CureUV #500003 UV Cure Adhesion Promoter Insulator Sealer
CHEMICAL FAMILY:
Mixture
SYNONYMS:
Aqueous mixture of polymers and coating additives

SECTION 2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:
COLOR: Milky white
FORM/APPEARANCE: Liquid
ODOR: Minimal

LABEL ELEMENTS:

GHS CLASSIFICATION:
Skin Sensitizer Category 1A
Serious Eye Damage/Eye Irritation Category 2A

SIGNAL WORD:
WARNING!

HAZARD STATEMENTS:
Causes serious eye irritation.
Causes skin irritation.
May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing should not be allowed out of the workplace.
IF ON SKIN: Wash with plenty of soap and water.
Take off all contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for a minimum of 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF INGESTED: Immediately call a POISON CENTER or doctor/physician.
Dispose of contents/container in accordance with local and national regulations.

HAZARDS NOT OTHERWISE CLASSIFIED, OTHER HAZARDS:
Polymerization may occur from excessive heat, contamination or exposure to direct sunlight.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	WT%
Acrylated Oligomer	*****	*****
Acrylated Resin	*****	*****
Triethylamine	121-44-8	<0.75

***** The Specific chemical identity and/or weight percent is being withheld as a trade secret

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SECTION 4. FIRST-AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:
EYE: Flush with clean, lukewarm water for at least 15 minutes. Seek medical attention
SKIN: Remove contaminated clothing and wash affected skin areas with soap and water. Wash clothing prior to re-use. If irritation develops, seek medical attention.
INHALATION: Remove to fresh air, apply artificial respiration or administer oxygen if necessary. Seek medical attention.
INGESTION: Rinse mouth and then drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT: N/A FLAMMABILITY CLASS: Non-Flammable
EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, or dry chemical.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Container may build water pressure due to steam generation with heat. Material can splatter above 100C/212F.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN EVENT OF SPILL OR RELEASE: Equip persons with appropriate safety equipment (see section 8.). Material can create slippery conditions. Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Dike around spilled material, apply absorbent material and transfer into suitable container for recovery or disposal. Remove container to safe area and seal.
WASTE DISPOSAL METHODS: Waste material must be disposed of in accordance with federal, state and local environmental regulations.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Protect containers from damage and storage in extremes of heat or cold. Protect from freezing.
NORMAL HANDLING: Always wear recommended personal protective equipment. Avoid breathing fumes from heating operations. Avoid spillage which can cause very slippery conditions on floors. Use good personal hygiene and housekeeping.
OTHER PRECAUTIONS: Take precautionary measures against static discharges.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:

Name:	CAS #:	ACGIH TLV	OSHA PEL	OSHA STEL
Mixture	N/A	Not Available	Not Available	Not Available

TLV=Threshold Limit Value
PEL=Permissible Exposure Level
STEL=Short Term Exposure Level

PERSONAL PROTECTIVE EQUIPMENT:
RESPIRATORY PROTECTION: Use a NIOSH approved self-contained breathing apparatus where vapor concentration may be above TLV limits. Below the TLV limits use in area of proper ventilation.
VENTILATION: Local exhaust with a minimum capture velocity of 100 ft/min.
PROTECTIVE GLOVES: Natural rubber or neoprene gloves recommended.
EYE PROTECTION: Wear safety glasses with side shields. Wear additional eye protection such as chemical safety goggles and/or face shield when there is a possibility for contact with splashing or spraying liquid.
OTHER EQUIPMENT: Eye wash and safety shower recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 212 Deg. F
SPECIFIC GRAVITY: 1.02-1.06
VAPOR DENSITY: not established
pH: 7 - 9
ODOR: Minimal
APPEARANCE: Milky white liquid
VAPOR PRESSURE: not established

PERCENT VOLATILE BY WEIGHT: 65-69
EVAPORATION RATE: Equal to water
WATER SOLUBILITY: 100% dispersible
VOC: EPA Method (less water), lb/gal 0.10
Actual wt%, 0.37
Actual, lb/gal 0.03
HAP: 0.01 lb/lb

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable.
INCOMPATIBILITY: Acidic conditions will cause the urethane resin to precipitate out of solution. Avoid Lewis acids, free radical initiators, mercaptans, strong oxidizers, and acids, bases and amines.
HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CO, oxides of nitrogen, acrylic acid, toxic gases/vapors, and isocyanates.
POLYMERIZATION: May occur. Risk of spontaneous polymerization when heated or in the presence of UV radiation or radical donors.
CONDITIONS TO AVOID: Storage > 100 deg. F, exposure to light, contamination with incompatible materials, and inert gas blanketing.

SECTION 11. TOXICOLOGICAL INFORMATION

TOXICOLOGY TEST DATA:
This product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

Acrylated esters have an estimated acute oral (rat) LD50 and acute dermal (rabbit) LD50 values of both >2000 mg/kg. This material is expected to cause moderate eye irritation.

The toxicological properties of polyurethane acrylate have not been fully investigated. This material is expected to cause severe eye irritation with risk of serious damage to the eyes.

REPEATED DOSE TOXICITY

n-methyl-2-pyrrolidone: In a 2 year rat feeding study, males showed signs of chronic progressive nephropathy. No treatment related tumors were seen. At very high repeated inhalation doses (1.0 mg/L), NMP caused focal pneumonia, bone marrow hypoplasia and atrophy of lymphoidtissue, 0.5 mg/L was the no effect level.

SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY TEST DATA:
This product has not been tested. Ecological assessment for this material is based on an evaluation of its components.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Waste material must be disposed of in accordance with federal, state and local environmental regulations. Do not discharge into waterways or sewer systems without proper authority.

SECTION 14. TRANSPORT INFORMATION

NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION

ICAO / IATA: Not Regulated

SECTION 15. REGULATORY INFORMATION

This product contains materials that are considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

SARA hazard categories (311/312): This product contains components that are classified as the following health and/or physical hazards according to Section 311 and 312:

Acrylated Oligomer/Monomer:	Immediate Health Hazard Reactive Hazard

SARA Title III, Section 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

Triethylamine CAS #: 121-44-8

CERCLA RQ: Releases of the following material to air, land, or water are reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304:

Triethylamine CAS #: 121-44-8 Reportable Quantity: 5000 lb

TSCA INVENTORY STATUS: Components listed on inventory
DSL (CANADA) INVENTORY STATUS: Components listed on inventory

STATE REGULATIONS/STATE RTK:
triethylamine CAS#: 121-44-8 NJ

CALIFORNIA PROPOSITION 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute:
None known

WHMIS:
INGREDIENT DISCLOSURE LIST:
CAS NUMBER CHEMICAL NAME
N/A
MIXTURE CLASSIFICATION: D2B

SECTION 16. OTHER INFORMATION

ORIGINAL DATE: 9/10/08
REVISION DATE: 3/13/11, 6/29/13, 5/7/15, 6/30/17, 2/12/20 (Update pictograms and hazard statements), 2/14/22 (update section 2, 3, 6, 8, 9, 15, 16)

HMIS RATING:
Health: 2 Flammability: 1 Physical Hazard: 1

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

The information in this SDS was obtained from sources that we believe are reliable. The information, however, is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.