

HAZARD STATEMENTS:

- H315 Causes skin irritation
H317 May cause allergic skin reaction
H318 Causes serious eye damage
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H411 Toxic to aquatic life with long lasting effects
H335 May cause respiratory irritation
H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled

PRECAUTIONARY STATEMENTS**PREVENTION:**

- P261 Avoid breathing dust/fume/gas/mist/vapor/spray.
P264 Wash hands and any exposed area thoroughly after handling.
P270 Do not eat, drink or smoke while using this product.
P271 Use only outdoors or in well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective impervious gloves/ OSHA approved eye protection/face protection.
P233 Keep container tightly closed.
P285 In case of inadequate ventilation wear appropriate organic vapor respiratory protection.
P272 Contaminated work clothing should not be allowed out of the workplace.

RESPONSE:

- P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P301+P310 If swallowed: Immediately call a Poison Center / doctor.
P330 Rinse mouth.
P312 Call a POISON CENTER/doctor if you feel unwell.
P322 Specific measures (see on this label)
P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P362 Take off contaminated clothing and wash before reuse.
P321 Specific treatment (see on this label)
P337+P313 If eye irritation persists: Get medical advice/attention.
P303 + P361 + P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
P331 Do NOT induce vomiting.
P342+P311 If experiencing respiratory symptoms: Call a Poison Center/doctor.

STORAGE:

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.

DISPOSAL:

- P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

OTHER HAZARDS: None Known.

HMIS RATING	
Health :	2
Flammability :	0
Reactivity :	0
Personal Protection :	B

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number	Exposure limits	
			OSHA PEL	ACGIH TLV
Bisphenol A - Epichlorohydrin Copolymer	80% to 90%	25068-38-6	NE	NE
+*OXIRANE, 2,2'[1,4-BUTANEDIYLBIS(OXYMETHYLENE)]B IS-	8.3	2425-79-8	NE	NE
4-Nonyl Hydroxybenzene, Nonylphenol	0% to 10%	84852-15-3	NE	NE
Benzyl Alcohol	0% to 10%	100-51-6	NE	NE

* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

^ Hazardous Air Pollutant established by the EPA as directed by the clean Air Act of 1990.

4. FIRST AID MEASURES

PRIMARY ROUTES OF EXPOSURE: Skin contact.

DESCRIPTION OF FIRST AID MEASURES:

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

INGESTION: If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

EYES : Direct contact with eyes may cause irritation.

SKIN : Prolonged or repeated contact may cause irritation.

INHALATION : Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

INGESTION : Not an anticipated route of exposure. Small amounts are not expected to be harmful.

CHRONIC HEALTH EFFECTS: Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No known effects on other illnesses.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
Treat symptomatically.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: In the event of fire, harmful vapors including carbon monoxide, carbon dioxide, and others may be released. There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS :
Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment listed in section 8.

ENVIRONMENTAL PRECAUTIONS: Keep runoff from storm sewers, ditches, streams, lakes and other ground waters and waterways.

METHODS AND MATERIALS FOR CLEAN UP: Contain all spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Collect into suitable containers and dispose of properly in accordance with all applicable regulations. (See Section 13) Rinse affected area thoroughly with water.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING : Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

CONDITIONS FOR SAFE STORAGE: Keep containers tightly closed. Use and store material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post "No smoking or open flame" sign. Store only in approved containers. Keep from freezing; material may coagulate. The minimum recommended storage temperature is 34F/1C, the maximum recommended storage temperature is 120F/49C. Keep away from incompatible materials (see section 10). Keep containers tightly closed. It is advised that material be used within 1 year of manufacture, rotate stock.

OTHER PRECAUTIONS: All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: See section 3 for occupational exposure limit values

ENGINEERING CONTROLS: General room ventilation is adequate.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION : No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

PROTECTIVE GLOVES: Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION: Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK HYGIENIC PRACTICES : Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE : Liquid

COLOR : Various colors

ODOR : Odorless.
Amine or ammonia odor

pH : Not determined

ODOR THRESHOLD: Not measured

SOLUBILITY IN WATER : Insoluble/Negligible
Dilutable

MELTING POINT/FREEZING POINT : Not determined

BOILING POINT/RANGE : 270.0 F TO 545.0 F

SPECIFIC GRAVITY (H₂O=1) : 1.13585

VAPOR DENSITY : Greater than air.

EVAPORATION RATE : Not determined.

FLAMMABILITY: Not determined.

FLASH POINT AND METHOD : >300 F Closed Cup

VAPOR PRESSURE : Not determined.

UPPER EXPLOSION LIMIT: Not determined

AUTO-IGNITION TEMPERATURE : Not determined.

LOWER EXPLOSION LIMIT: Not determined

PARTITION COEFFICIENT : Not available.

DECOMPOSITION TEMPERATURE : Not available.

VISCOSITY : Not determined.

COATING VOC (g/l) / Material VOC (g/l) : 3.36 / 3.36

10. STABILITY AND REACTIVITY DATA

REACTIVITY: Will not occur.

CHEMICAL STABILITY : Stable under normal conditions and handling.

POSSIBILITY OF HAZARDOUS REACTIONS : No hazardous reactions if stored and handled as prescribed/indicated.

CONDITIONS TO AVOID : None known

INCOMPATIBLE MATERIALS : Avoid exposure to strong oxidizing agents and reducing agents. None known. Materials which are not compatible with water or ordinary organics will not be compatible with this material.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

11. TOXICOLOGICAL INFORMATION

SENSITIZATION: Product is a skin sensitizer; sensitization can be severe in susceptible individuals.

None known.

CARCINOGENICITY: There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY: There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS): There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

MUTAGENICITY: There is no data to indicate that any component present at greater than 0.1% will alter DNA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

PERSISTENCE AND DEGRADABILITY: Not readily degradable.

BIO-ACCUMULATIVE POTENTIAL: No data available.

MOBILITY IN SOIL: No Data Available.

OTHER ADVERSE EFFECTS: Nonylphenol is a marine pollutant. Although no information is available for this specific product mixture, individual components may by themselves have ecological effects. No known effects or critical hazards. No data available.

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS: This product does not meet the definition of hazardous waste under the U.S.EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

Not DOT regulated.

15. REGULATORY INFORMATION

US TOXIC SUBSTANCE CONTROL ACT (TSCA): All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: None.

SARA 311/312 HAZARDOUS CHEMICALS: See section 3.

SARA 313 (TRI REPORTING): This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 3.

STATE LISTED COMPONENTS: CAS NUMBER STATE CODE

CALIFORNIA PROP 65:

This product contains a chemical(s) known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.

Cumene 98-82-8 Cancer

Phenyl glycidyl ether CAS #122-60-1 Cancer

16. OTHER INFORMATION

REVISION DATE: 2/26/2026

This version replaces all previous versions. The information contained in this SDS and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Although certain hazards are described herein, The Sierra Company, LLC, cannot guarantee that these are the only hazards that exist. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall The Sierra Company, LLC, assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. The Sierra Company, LLC, expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement, merchantability and/or fitness for a particular purpose with respect to any information and recommendations provided. The Sierra Company, LLC, reserves the right to make any changes to the information and/or recommendations at any time, without prior subsequent notice.