

SAFETY DATA SHEET



Date Issued : 05/18/2023
SDS No : Countertop Epoxy

Superclear Countertop Epoxy A-side Epoxy Resin

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Superclear Countertop Epoxy, A-side Epoxy Resin

GENERAL USE: Epoxy Resin side of a two component coating

PRODUCT DESCRIPTION: Epoxy Resin

MANUFACTURER

Fiberglass Coatings Inc.
4301A 34th Street North
St. Petersburg, FL 33714
Customer Service: (800) 272-7890
E-Mail: www.fgci.com
Emergency Contact: VelocityEHS
Emergency Phone: (800) 255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Irritation/Corrosion, Category 2
Serious eye damage/eye irritation, Category 2A
Skin Sensitization, Category 1
STOT SE, Category 3

Environmental:

Chronic Hazards to the Aquatic Environment, Category 2

GHS LABEL

Exclamation mark
Environment

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H303: May be harmful if swallowed.
H411: Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash ... thoroughly after handling.

Response:

P305: IF IN EYES: Rinse cautiously with water for several minutes. Seek medical attention for prolonged irritation.

P337+P313: If eye irritation persists: Get medical advice/attention.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

Storage:

P403: Store in a well-ventilated place.

Disposal:

P273: Avoid release to the environment.

P501: Dispose of contents/container to a RCRA approved Treatment Storage Disposal Facility.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
DGEBA based Epoxy Resin	75 - 82	25068-38-6
Oxirane, Mono[(c12-14-alkyloxy)methyl] Derivs	< 15	68609-97-2
Proprietary Item (Epoxide)	< 6	

COMMENTS: Alternative CAS numbers for the product known as DGEBA 25068-38-6, include 25085-99-8, and 1675-54-3.

Accordingly, Liquid Epoxy Resins (LER) manufacturers consider that derivatives of LERs may be described using either CAS number as a starting material.

4. FIRST AID MEASURES

EYES: Immediately; Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If lasting effects occur, consult a physician or eye care professional. A suitable emergency eyewash facility should be available in work area.

SKIN: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.

INGESTION: If ingested, seek medical aid.

INHALATION: If inhaled, remove person to fresh air and aid in breathing if necessary. Seek medical aid.

NOTES TO PHYSICIAN: No specific treatment, treat symptomatically.

ADDITIONAL INFORMATION: If skin sensitization has developed and a causal relationship has been confirmed, further exposure should not be allowed.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not categorized as Flammable by GHS standards. However it may be combustible at high temperatures.

EXTINGUISHING MEDIA: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

EXPLOSION HAZARDS: Cool any sealed drums to prevent pressure build up.

FIRE FIGHTING PROCEDURES: Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE FIGHTING EQUIPMENT: Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

COMMENTS: Use an extinguishing agent suitable for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with an inert material and put the spilled material in an appropriate waste disposal container.

LARGE SPILL: For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent from entering into ditches, drains, sewers, waterways, and/or groundwater.

GENERAL PROCEDURES: Always ensure proper ventilation from any spill. Respirators or SCBA are required if permissible

exposure limits are exceeded due to inadequate general ventilation. Evacuate personnel to a safe area. Contain spillage to avoid any soil or water contamination

SPECIAL PROTECTIVE EQUIPMENT: See Section 8 personal protection. Persons not wearing proper personal protection should be excluded from the spill area until clean-up is completed.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with skin, eyes and clothing.

HANDLING: Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not flush with water. Do not flush into surface water. Water pollutant. Water runoff can cause environmental damage.

STORAGE: Store in a cool, dry, well-ventilated area. Keep container closed when not being used.

STORAGE TEMPERATURE: Maintain at a steady temperature, fluctuations in temperature are known to cause crystallization of the product.

COMMENTS: Product which has crystallized during storage can be returned to original usable condition by warming the material up to 160 F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No, Permissible Exposure Levels have been established for this item.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

SKIN: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

RESPIRATORY: Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

PROTECTIVE CLOTHING: Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

WORK HYGIENIC PRACTICES: Never eat or drink in areas where the chemical is being used. Wash hands after handling to limit exposure. This product is intended for use in conjunction with an amine type curing agent which may present hazards not listed in this SDS. Review SDSs from each product before mixing.

OTHER USE PRECAUTIONS: When in use as intended mixed with liquid amines, significant heat and fumes may be generated upon curing. Proper PPE is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous liquid.

ODOR: Odorless to mild.

ODOR THRESHOLD: No data available.

APPEARANCE: Colorless to pale yellow liquid.

pH: Not Applicable.

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: > 176°C (350°F) Closed Cup

FLAMMABLE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: Not yet determined.

VAPOR PRESSURE: 0.06 mm Hg @ 20 C.

VAPOR DENSITY: No data available.

BOILING POINT: > 216°C (420°F)

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: Slightly soluble.

EVAPORATION RATE: No data available.

SPECIFIC GRAVITY: 1.09 to 1.17

(VOC): No Listed VOC or HAP

WEIGHT PER VOLUME: No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: Stable under recommended storage conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Temperatures over 200 °C and contact with other reactive substances.

POSSIBILITY OF HAZARDOUS REACTIONS: Large Masses of Epoxy mixed with Primary and Secondary Amines resins can polymerize hazardously and become quite exothermic, generating enough heat to self boil and cause injury.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbons. Carbon monoxide. Carbon dioxide (CO₂). Thermal decomposition can lead to release of irritating and toxic gases and vapors.

INCOMPATIBLE MATERIALS: Avoid all unplanned contact with strong reactive chemicals, Acids, Bases, Amines, Epoxides, Peroxides and other Oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: > 20000 mg/kg (Rabbit)

ORAL LD₅₀: > 5000 mg/Kg (Rat)

NOTES: Results are based on the product's individual components.

SKIN CORROSION/IRRITATION: Brief contact may cause moderate skin irritation with local redness.

SERIOUS EYE DAMAGE/IRRITATION: May cause eye irritation. Corneal injury is unlikely. Vapour may cause eye irritation experienced as mild discomfort and redness.

RESPIRATORY OR SKIN SENSITIZATION: May cause sensitization by contact.

CARCINOGENICITY

NOTES: Not considered carcinogenic by OSHA, NTP, IARC, or ACGIH

ASPIRATION HAZARD: Based on physical properties, not likely to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable. However, these results do not mean that the material is not biodegradable under certain environmental conditions.

ECOTOXICOLOGICAL INFORMATION: Do NOT discharge into sewers or waterways.

BIOACCUMULATION/ACCUMULATION: Product shows moderate potential for bioaccumulation. Potential for mobility in soil is low. Not readily biodegradable.

AQUATIC TOXICITY (ACUTE): Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

COMMENTS: Product is only designated as a Marine Pollutant for international travel by ship.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

EMPTY CONTAINER: Empty containers must be disposed of in accordance with all Federal, State, and local requirements.

GENERAL COMMENTS: Waste characterizations and compliance with applicable laws are the solely the responsibility of waste generator.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated for transport

AIR (ICAO/IATA)

SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)

UN/NA NUMBER: 3082

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)

UN/NA NUMBER: 3082

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

MARINE POLLUTANT #1: Epoxide Derivatives

COMMENTS: This information is not intended to convey all specific regulatory information relating to this product. Transportation classifications and product segregation rules may vary by container volume and geographical region..

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HEALTH HAZARDS: Eye Irritation, Immediate (Acute) health hazard., Skin Irritation, Skin Sensitization

311/312 PHYSICAL HAZARDS: No dangerous reaction known under conditions of normal use.

313 REPORTABLE INGREDIENTS: None

TITLE III NOTES: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None required

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not yet Known

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

TSCA STATUS: All Components listed.

CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS): None present or none in regulated quantities

CLEAN WATER ACT: None present or none in regulated quantities

CANADA

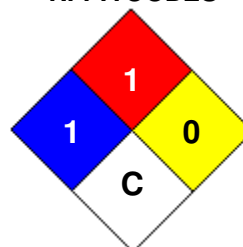
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-2B: Toxic material causing other toxic effects.

16. OTHER INFORMATION

PREPARED BY: RD **Date Prepared:** 05/18/2023

HMIS RATING

HEALTH	<input type="text"/>	1
FLAMMABILITY	<input type="text"/>	1
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

NFPA CODES

HMIS RATINGS NOTES: The customer is responsible for determining the PPE code for this material.

MANUFACTURER DISCLAIMER: This information is compiled from sources believed reliable as of the date of issue, it is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and local regulatory compliance requirements.

SAFETY DATA SHEET



Date Issued : 05/18/2023
SDS No : Countertop Epoxy

Superclear Countertop Epoxy B-side Activator

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Superclear Countertop Epoxy, B-side Activator

GENERAL USE: Epoxy Resin side of a two component coating

PRODUCT DESCRIPTION: Epoxy Resin

MANUFACTURER

Fiberglass Coatings Inc.
4301A 34th Street North
St. Petersburg, FL 33714
Customer Service: (800) 272-7890
E-Mail: www.fgci.com
Emergency Contact: VelocityEHS
Emergency Phone: (800) 255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Serious eye damage/eye irritation, Category 1
Acute Toxicity (Oral), Category 4
Acute Toxicity (Dermal), Category 4
Skin Sensitization, Category 1
Skin Irritation/Corrosion, Category 1B

Environmental:

Acute Hazards to the Aquatic Environment, Category 2
Chronic Hazards to the Aquatic Environment, Category 2

GHS LABEL



Exclamation
mark



Corrosion



Environment

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H361: Suspected of damaging fertility or the unborn child.
H318: Causes serious eye damage.
H303 + H313 + H333: May be harmful if swallowed, in contact with skin or if inhaled.

PRECAUTIONARY STATEMENT(S)

Prevention:

P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P273: Avoid release to the environment.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ Doctor/ or Physician. Do Not induce vomiting, avoid aspiration into the lungs.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

P337+P313: If eye irritation persists: Get medical advice/attention.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

P309+P311: If exposed or if you feel unwell: Call a POISON CENTER or physician.

Storage:

P233+P235: Keep container tightly closed at a cool to ambient temperature.

Disposal:

P501: Dispose of contents/container to a RCRA approved Treatment Storage Disposal Facility.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear to yellow liquid

IMMEDIATE CONCERNS: Causes eye and skin irritation. May be harmful if swallowed. Do not ingest. Do not get in eyes. Avoid breathing vapor or mist. Avoid contact with skin and clothing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Trimethylolpropane-polyoxypropylene-triamine	45 - 55	39423-51-3
Proprietary Amine Blend (Trade Secret)	45 - 55	XXXXXX
Nonylphenol	< 5	25154-52-3
Non Hazardous additives	< 1	N/A

COMMENTS: Non-Hazardous additional Ingredients and their exact percentages has been withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Immediately; Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If lasting effects occur, consult a physician or eye care professional. A suitable emergency eyewash facility should be available in work area.

SKIN: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.

INGESTION: Rinse mouth with water. Do not induce vomiting, seek medical attention if feeling unwell.

INHALATION: If product vapors or mists cause respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. If symptoms persist, seek medical attention immediately.

NOTES TO PHYSICIAN: No specific treatment, treat symptomatically. Call medical doctor or a Poison Control center immediately if large quantities have been ingested or inhaled.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not categorized as Flammable by GHS standards.

EXTINGUISHING MEDIA: Water spray, Carbon dioxide (CO₂), Dry chemical, Alcohol-resistant foam. Avoid direct water streams which may be ineffective.

HAZARDOUS COMBUSTION PRODUCTS: May generate hazardous smoke fumes.

OTHER CONSIDERATIONS: Use an extinguishing agent suitable for the surrounding fire.

EXPLOSION HAZARDS: None Expected.

FIRE FIGHTING PROCEDURES: Promptly isolate the scene by removing all persons from the vicinity of the incident, if there is a fire no action should be taken involving any personal risk or without suitable training. Move additional containers from the area if this can be done safely. Use water spray to keep fire exposed containers cool.

FIRE FIGHTING EQUIPMENT: Full Bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

COMMENTS: The fumes from this material are quite strong and may cause respiratory distress, the liquid is damaging to both the eyes and skin.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: For small liquid spills, transfer by mechanical means to a labeled, sealable container for product recovery or safe disposal. Soak up any residues with an appropriate absorbent material and dispose of safely. Remove any contaminated soil and dispose of safely.

LARGE SPILL: For large liquid spills, transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil dispose of safely.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

GENERAL PROCEDURES: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

COMMENTS: Proper PPE for exposure to eyes, skin and inhalation is essential.

7. HANDLING AND STORAGE

HANDLING: Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container.

STORAGE: Store in a cool, dry, well-ventilated area. Keep container closed when not being used.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and/or face shield. Always use proper eye protection around the work area.

SKIN: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

RESPIRATORY: If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

WORK HYGIENIC PRACTICES: Never eat or drink in areas where the chemical is being used. Wash hands after exposure.

COMMENTS: This material is typically used with an Epoxy resin which may generate heat and significantly alter the precautions necessary for its safe usage.

If 2 or more components are combined for use, than all the associated Data Sheets involved must be read and understood,.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous Liquid.

ODOR: Ammonia like odor.

ODOR THRESHOLD: No data available.

APPEARANCE: Colorless to pale yellow liquid.

pH: Alkaline

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: 218.5°C (425°F) Closed Cup

FLAMMABLE LIMITS: No data available.

VAPOR PRESSURE: 6.82 hPa

VAPOR DENSITY: No test data available.

BOILING POINT: Not Applicable.

THERMAL DECOMPOSITION: 236°C

SOLUBILITY IN WATER: Slightly soluble.

EVAPORATION RATE: No data available.

DENSITY: 8.4 pounds / gallon

SPECIFIC GRAVITY: 1.01

(VOC): No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: Stable under recommended storage conditions.

HAZARDOUS POLYMERIZATION: Under normal conditions of use, hazardous reactions will not occur.

STABILITY: This product is stable.

CONDITIONS TO AVOID: Avoid contact with incompatible materials, direct sunlight, electricity and ignition sources / heat. Dropping container can cause it to burst.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Avoid all unplanned contact with strong reactive chemicals of any type, including, Acids, Bases, Oxidizers, Amines, Epoxides and Reactive Metals.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Trimethylolpropane-polyoxypropylene-triamine	550 mg / kg	> 1000 mg / kg

SKIN CORROSION/IRRITATION: Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION: Causes serious eye irritation / damage.

RESPIRATORY OR SKIN SENSITIZATION: May cause nose, throat, and lung irritation. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system.

CARCINOGENICITY

NOTES: Not considered carcinogenic by OSHA, NTP, IARC, or ACGIH

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Moderately Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Not readily biodegradable. This product shows a moderate bioaccumulation potential. Water polluting material. May be harmful to the environment if released in large quantities.

ECOTOXICOLOGICAL INFORMATION: Do NOT discharge into sewers or waterways.

BIOACCUMULATION/ACCUMULATION: Not readily Biodegradable.

AQUATIC TOXICITY (ACUTE): Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.

EMPTY CONTAINER: Empty containers may contain product residue.

COMMENTS: Waste characterizations and compliance with applicable laws are the solely the responsibility of waste generator.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s.

TECHNICAL NAME: (Trimethylolpropane Polyoxypropylene Triamine, Isophoronediamine)

PRIMARY HAZARD CLASS/DIVISION: 9

UN/NA NUMBER: 3082

PACKING GROUP: III

MARINE POLLUTANT #1:

AIR (ICAO/IATA)

SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s.
TECHNICAL NAME: (Trimethylolpropane Polyoxypropylene Triamine, Isophoronediamine)
UN/NA NUMBER: 3082
PRIMARY HAZARD CLASS/DIVISION: 9
PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s.
TECHNICAL NAME: (Trimethylolpropane Polyoxypropylene Triamine, Isophoronediamine)
UN/NA NUMBER: 3082
PRIMARY HAZARD CLASS/DIVISION: 9
PACKING GROUP: III
MARINE POLLUTANT #1: Yes

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Environmentally hazardous substance, liquid, n.o.s.
TECHNICAL NAME: (Trimethylolpropane-Polyoxypropylene-Triamine, Isophoronediamine)
UN/NA NUMBER: 3082
PRIMARY HAZARD CLASS/DIVISION: 9
PACKING GROUP: III

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HEALTH HAZARDS: Acute Health Hazard, Serious eye and skin damage possible.

311/312 PHYSICAL HAZARDS: Reactive substance

313 REPORTABLE INGREDIENTS: None required.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No CERCLA Reportable Quantity has been established for this product.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Nonylphenol	25154-52-3

TSCA REGULATORY: All items are TSCA listed.

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: This material does not contain any hazardous air pollutants.

CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS): None present or none in regulated quantities

CALIFORNIA PROPOSITION 65: This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

OSHA HAZARD COMM. RULE: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CLEAN WATER ACT: None present or none in regulated quantities

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-2B: Toxic material causing other toxic effects.

DOMESTIC SUBSTANCE LIST (INVENTORY): All components are listed.

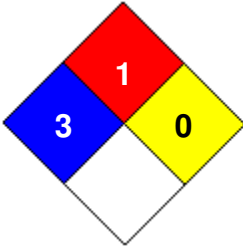
16. OTHER INFORMATION

PREPARED BY: RD **Date Prepared:** 05/18/2023

HMIS RATING

HEALTH	<input type="text"/>	3
FLAMMABILITY	<input type="text"/>	1
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	

NFPA CODES



HMIS RATINGS NOTES: The customer is responsible for determining the PPE code for this material.

MANUFACTURER DISCLAIMER: This information is compiled from sources believed reliable as of the date of issue, it is provided in good faith and correct to the best of our knowledge. No warranty, guarantee, or representation is made as to the sufficiency of the information for the safe use of the product nor to relieve the end user of their own Federal, State, and local regulatory compliance requirements.