

Section 1: IDENTIFICATION

GSH Product Identifier: EnviroSeal No Mix
Other means of Identification: Part B None

Relevant Identified uses of the substance or mixture and uses advised against
Product Use: Component of a Foam Insulation System
Area of Application: Industrial applications

Supplier/Manufacturer: Quadrant Performance Materials, LLC
200 Industrial Boulevard
McKinney, Texas 75069
Phone(972)542-0072

Emergency Telephone #: Chemtrec Emergency Number: 800-424-9300

Section 2: Hazard Identification

Classification of the substance or mixture:

Acute Toxicity (Oral) – Category 4
Acute Toxicity (Inhalation) – Category 4
Skin Corrosion/Irritation – Category 1
Eye Damage/Irritation – Category 1
Specific Target Organ Toxicity, Single Exposure – Category 3 (Respiratory).

GHS label elements

Signal word: Danger

Pictogram:



Hazard Statements: Harmful if swallowed.
Skin Irritation: May cause skin burns.
Causes skin irritation and eye damage. May
Eye Irritant: Causes serious eye irritation.

Precautionary statements:
Breath Sensitizer: Avoid breathing vapors/spray
Use in a well ventilated area Wash
Repeated dose throughly after handling. Wear
protective gloves

Carcinogenicity: No ingredients are listed as carcinogens by ACGIH and IRAC.
This material is considered hazardous by the OSHA Hazard Communication Standard.
Mutagenicity: No information available.

Section 3: Composition/information on ingredients

Substance/mixture: Mixture

Other means of identification: Not available

Ingredient Name	Concentration	Cas #	Exposure Limits	LD50/LC50
Dimethylamino-ethoxyethanol	1%-5%	108-01-0	Not available	2337mg/kg (rat-oral)/ 1000mg/l 4hr (rat-inhalation)
1,3-Propane diamine N'-(3-(dimethylamino-propyl)- N,N-dimethyl	1%-5%	6711-48-4	Not available	>1.25g/kg (rat-oral) / Not determined

Section 4: FIRST AID MEASURES

Description of necessary first aid measures

Skin: Clean exposed area with soap and warm water. Continue to rinse for at least 10 minutes. Remove contaminated clothing. Wash clothes before reuse. Seek medical attention if irritation persists.

Eyes: Immediately flush thoroughly with water for at least 15 minutes lifting eye lids occasionally. Seek medical attention.

Inhalation: Remove victim to fresh air; give artificial respiration if not breathing. Seek medical attention.

Ingestion: Wash mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting. Seek medical attention immediately.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Skin Contact: May cause skin irritation. Contact may cause redness, swelling and a painful sensation.

Eye Contact: Causes irritation, redness, tearing, and blurred vision and/or eye damage.

Inhalation: Product may give off vapor that is irritating to the respiratory system.

Ingestion: Harmful if swallowed, may cause gastrointestinal, nausea, vomiting and diarrhea.

Delayed and Immediate effects and also chronic effects from short and long term exposure

Short Term Exposure: Not available

Long Term Exposure: Chronic skin contact with low concentrations may cause dermatitis.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: Treat symptomatically.

Specific Treatments: None

Protection of first aiders: No action shall be taken involving any personal risk or without suitable training. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Section 5: FIRE FIGHTING MEASURES

Means of Extinction: Use extinguishing agent suitable for the surrounding fire. Suitable extinguishing media: Use dry chemical, Carbon Dioxide, water spray or alcohol resistant foam.

Specific hazards arising from the chemical: Carbon oxides, nitrogen oxides, dense black smoke. Burning produces irritant fumes.

Hazardous combustion products: May produce carbon dioxide, carbon monoxide, oxides of nitrogen.

Special protective equipment and precautions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of

the incident if there is a fire. No action shall be taken involving any personal risk without suitable training. Fire fighters should wear appropriate protective equipment and self contained breathing apparatus with a full face piece operated in positive pressure mode. Move undamaged containers from immediate hazard area if it can be done safely.

Section 6: ACCIDENTAL RELEASE MEASURES

Spill Procedure:

Clean up personnel must wear protective equipment to prevent contact with the product. Evacuate the area of all unnecessary personnel. Stop spill at source. Use inert absorbent material such as sand, clay, earth or floor absorbent to clean up spill. Shovel into drums.

Personal Precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Wear personal protection equipment. Remove persons to safety. Do not breathe vapors or spray mist. **Methods and material for containment and cleaning up:**

Suitable material for taking up: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Wash with plenty of water.

Irritation:

Skin Irritation: May cause skin burns.

~~Eye Irritant: Causes serious eye damage.~~

Section 7: HANDLING AND STORAGE

Sensitization:

Precautions for safe handling:

Skin Sensitization: Not expected to be a skin or respiratory sensitizer.

Protective Measures:

Repeated dose toxicity: No information available
Put on appropriate personal protective equipment.

Do not handle until

all safety precautions have been read and understood.

Do not breathe

Carcinogenicity: No ingredients are listed as carcinogens by ACGIH and IARC.
dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation.

Wear appropriate respirator. Keep in the original container and keep tightly closed when not in use.
Mutagenicity: No information available.

Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands before, eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Store product in accordance with local regulation. Store product at room temperature away from heat and moisture. Store product in original container in a dry, cool, and well ventilated area with local exhaust. Keep away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc) below recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not breathe dust/fume/gas/mist/ vapors.

Individual Protection Measures

Eye Protection: When directly handling liquid product, eye protection is required, such as chemical safety goggles or chemical safety goggles in combination with a full face shield when there is a greater risk of splash.

Protection for skin: Avoid all skin contact. Wear protective clothing. Depending on the conditions of use, cover as much of the exposed skin area as possible with appropriate clothing to prevent skin contact. **Protection for hands:** Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling this product. For example, nitrile rubber, butyl rubber, neoprene and PVB.

Respiratory Protection: Spraying increases the risk of hazardous exposure. In atmospheres where the material is sprayed, workers should avoid contact with aerosols through proper engineering controls such as exhaust ventilation and proper protective equipment such as a full face air supplied respirators.

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical irritations.

Skin Irritation: May cause skin burns.

Eye Irritant: Causes serious eye damage.

Sensitization:

Skin Sensitizer: Not expected to be a skin or respiratory sensitizer.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Repeated dose toxicity: No information available	Vapor Pressure: Not available
Appearance & Colour: Milky White	
Liquid	
Garcinogenicity: No ingredients are listed as carcinogens by ACGIH and IARC	Vapor Density: Not available
Physical State: Liquid	
Odour: Light ammonia	Relative Density: Not available
Mutagenicity: No information available.	Solubility in water: Miscible
Odour Threshold: Not available	
pH: 11.0	Partition coefficient: Not

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