

1. Identification

BaySeal Roofing, LLC
200 Industrial Blvd.
McKinney, TX 75069

972-542-0072

**TRANSPORTATION OR
EMERGENCY CALL:**

CHEMTREC
1-800-424-9300

Product Name: BaySeal 2.5, 2.7, and 3.0 lb.
Chemical Family: Polyol System
Use: Cured Spray Foam Insulation

2. Hazards Identification

GHS Classification

Health: 0
Flammability: 1
Reactivity: 0

GHS Label Elements

Hazard pictograms:



Signal word: Danger

Hazard statements: Causes skin irritation.
Causes serious eye damage.
Vapors can cause temporary corneal edema with symptoms of blurred vision or the appearance of halos around bright objects.

Precautionary statements:

Prevention:

Wash skin and face thoroughly after handling.
Wear eye and face protection.
Wear protective gloves.

Response:

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a doctor or emergency medical facility (i.e., 911).
IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical attention.
Take off contaminated clothing and wash before reuse.

3. Composition/Information on Ingredients

Hazardous Components

<u>Weight Percent</u>	<u>Components</u>	<u>CAS-No.</u>	<u>Classification</u>
40 - 70%	Polyurethane Polymer	CAS# is a trade secret	Acute toxicity Category 4 Oral. Skin irritation Category 2. Serious eye damage Category 1.
1 - 5%	Catalyst	CAS# is a trade secret	Eye irritation Category 2B. Simple Asphyxiant.
3 - 10%	Chlorinated Phosphate Ester	CAS# is a trade secret	Acute toxicity Category 4 Oral. Eye irritation Category 2B.
1 - 5%	Polyether Polyol	CAS# is a trade secret	Skin irritation Category 2. Eye irritation Category 2A.
1 - 5%	Catalyst	CAS# is a trade secret	Flammable liquids Category 3. Acute toxicity Category 4 Oral. Acute toxicity Category 3 Inhalation. Acute toxicity Category 4 Dermal. Skin corrosion Category 1A. Serious eye damage Category 1. HNOC - Halo vision. Flammable liquids Category 3.
1 - 10%	Hydrofluoro-Olefins	CAS# 102687- 65-0	

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

4. First Aid Measures

Most Important Symptom(s)/Effect(s)

Acute: Causes serious eye damage with symptoms of eye burns, corneal injury, and possible blindness., Causes skin irritation with symptoms of reddening, itching, and swelling., Vapor can reduce oxygen available for breathing., Vapors can cause temporary corneal edema with symptoms of blurred vision or the appearance of halos around bright objects.

Eye Contact

In case of contact, flush eyes with plenty of lukewarm water. Call a physician immediately.

Skin Contact

In case of skin contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Get medical attention.

Ingestion

If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

5. Firefighting Measures

Suitable Extinguishing Media: Carbon dioxide (CO₂), Dry chemical, Foam, water spray for large fires.

Unsuitable Extinguishing Media: High volume water jet

Fire Fighting Procedure

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

Hazardous Decomposition Products

By Fire: ; Carbon Dioxide; Carbon Monoxide Hydrogen cyanide, Nitrogen oxides (NO_x), Amines, Hydrogen chloride gas, Hydrogen fluoride, Carbonyl halides, Oxides of phosphorus, Other hazardous decomposition products may be formed.

6. Accidental Release Measures

Spill and Leak Procedures

Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Use appropriate personal protective equipment during clean up. Evacuate and keep unnecessary people out of spill area.

7. Handling and Storage

Handling/Storage Precautions

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Material is hygroscopic and may absorb small amounts of atmospheric moisture. If contamination with isocyanates is suspected, do not reseal containers. Avoid contact with eyes. Avoid contact with skin or clothing. Do not breathe vapors/dust.

Storage Period:

5 Months

Storage Temperature**Minimum:** 21.11 °C (70 °F)**Maximum:** 26.67 °C (80 °F)**Storage Conditions**

Store materials between 70°F to 80°F (21°C to 27°C) in a dry and well-ventilated area for a minimum of 48 hours prior to application of material. The transit temperature range is 32°F to 100°F (0°C to 38°C). The pressure in sealed containers can increase under the influence of heat. Protect against heat and direct sunlight.

Substances to Avoid

Oxidizing agents, Isocyanates

8. Exposure Controls/Personal Protection**Exposure Limits**

Any component which is listed in section 3 and is not listed in this section does not have a known ACGIH TLV, OSHA PEL or supplier recommended occupational exposure limit.

Personal protective equipment

Avoid contact with skin, eyes, and clothing.

Industrial Hygiene/Ventilation Measures

When handling this product, ventilation of the work area is recommended.

Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment., In spray applications, an organic vapor/particulate respirator or air supplied unit is necessary.

Hand Protection

When this product is sprayed in combination with polymeric MDI ("A" side), fabric gloves coated in nitrile, neoprene, butyl or PVC are recommended. When handling liquid product, nitrile, neoprene, butyl or PVC gloves are recommended.

Eye Protection

Chemical resistant goggles must be worn.

Skin Protection

Wear as appropriate: disposable one-piece overall with integral hood, Impervious protective clothing.

Additional Protective Measures

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product.

9. Physical and Chemical Properties

State of Matter:	liquid
Color:	Amber, Brown
Odor:	slight, Ether
Odor Threshold:	No Data Available
pH:	7-10
Freezing Point:	No Data Available
Setting Point:	No Data Available
Melting Point:	No Data Available
Boiling Point:	No Data Available
Flash Point:	>120° C / 248° F
Evaporation Rate:	No Data Available
Lower explosion limit:	No Data Available
Upper Explosion Limit:	No Data Available
Vapor Pressure:	No Data Available
Vapor Density:	>5
Density:	No Data Available
Relative Vapor Density:	1.15 – 1.3
Specific Gravity:	1.06
Solubility in Water:	Partially soluble
Auto Ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available

10. Stability and Reactivity

Hazardous Reactions

Hazardous polymerization does not occur.

Stability

Stable

Materials to Avoid

Oxidizing agents, Isocyanates

Hazardous Decomposition Products

By Fire: Carbon Dioxide; Carbon Monoxide; Hydrogen cyanide, Nitrogen oxides (NOx), Amines, Hydrogen chloride gas, Hydrogen fluoride, Carbonyl halides, Oxides of phosphorus, Other hazardous decomposition products may be formed.

11. Toxicological Information

Information on likely routes of exposure

Product Information	No Data Available
Inhalation	May Cause irritation of respiratory tract.
Eye Contact	Irritating to eyes.
Skin Contact	Irritating to skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	No data available

Information on toxicological effects

Symptoms May cause an allergic skin reaction. Redness

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	May Cause sensitization by skin contact
Germ cell mutagenicity	No information available
Carcinogenicity	No information available
Reproductive toxicity	No information available
STOT – single exposure	Respiratory systems
STOT – repeated exposure	No information available
Aspiration hazard	No information available

Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document – mg/kg 6064 8842

12. Ecological Information

Ecological Data for: BaySeal 2.7

No data available for this product. Please find the data available for the components.

Ecological Data for Polymer

Additional Ecotoxicological Remarks

No data available for this component.

Bioaccumulation

No Information Available

Persistence of degradability

No Information Available

13. Disposal Considerations**Waste Disposal Method**

Waste disposal should be in accordance with existing federal, state, and local environmental control laws.

Empty Container Precautions

Recondition or dispose of empty container in accordance with governmental regulations.

14. Transportation Information**Land transport (DOT)**

Non-Regulated

Sea transport (IMDG)

Non-Regulated

Air transport (ICAO/IATA)

Non-Regulated

15. Regulatory Information**International Inventories**

TSCA Complies

DSL/NDSL Complies

EINECS/ELINCS Complies

ENCS Complies

IECSC Complies

KECL Complies

PICCS Complies

AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product may contain trace amounts of chemicals known to the state of California to cause cancer.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Polyol Blend	X	-	X

16. Other Information

The method of hazard communication for BaySeal Roofing, LLC is comprised of product labels and safety data sheets. Safety data sheets for all of our products and general product declarations are available for download at www.BaySealRoofing.com.

Contact: Product Safety Department
 Telephone: 972-542-0072
 Issue Date: 05/01/2024
 SDS Version: 1.0

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