

# SAFETY DATA SHEET



## 1. Identification

Covestro LLC  
1 Covestro Circle  
Pittsburgh, PA 15205  
USA

### TRANSPORTATION EMERGENCY

CALL CHEMTREC: (800) 424-9300  
INTERNATIONAL: (703) 527-3887

### NON-TRANSPORTATION

Emergency Phone: Call Chemtrec  
Information Phone: (844) 646-0545

**Product Name:** BAYHYTHERM 3246  
**Material Number:** 81650551  
**Chemical Family:** Blocked Polyisocyanate Aqueous Dispersion Containing Organic Solvent  
**Use:** Raw material for coatings, adhesives, sealants, or elastomers in industrial applications  
**Restrictions on use:** Do-It-Yourself Applications

## 2. Hazards Identification

This product is not classified as hazardous according to OSHA HazCom 2012 (29 CFR 1910.1200).

## 3. Composition/Information on Ingredients

### Hazardous Components

There are no hazardous components above the relevant concentration limits according to OSHA HazCom 2012.

### OTHER INGREDIENTS

<u>Concentration</u>	<u>Components</u>	<u>CAS-No.</u>
1 - 5%	Dimethylethanolamine	108-01-0

This product contains an amine neutralizing agent which is bound in the matrix of this product as a salt. This amine salt is considered essentially unreactive at room temperature. Generation of amine vapors is expected when this product is processed (heated) during the drying/hardening of the coating.

This product contains a blocked polyisocyanate which is considered essentially unreactive at room temperature even though it may contain a small amount of excess blocking agent. Generation of free diisocyanate and blocking agent vapors are expected in the oven during curing or during any accidental heating of this product above its unblocking temperature.

Material Name: BAYHYTHERM 3246

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## 4. First Aid Measures

### Most Important Symptom(s)/Effect(s)

**Acute:** This product contains a blocked polyisocyanate which is considered essentially unreactive at room temperature even though it may contain a small amount of excess blocking agent. Generation of free diisocyanate and blocking agent vapors are expected in the oven during curing or during any accidental heating of this product above its unblocking temperature. The health effects and symptoms in this section apply to the free diisocyanate and blocking agent vapors thus produced, as well as to any exposure to solvent ingredients, if included in this product. Isocyanate vapors or mist at concentrations above the exposure limits or guidelines can irritate (burning sensation) the mucous membranes in the respiratory tract (nose, throat, lungs) with symptoms of runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function (breathing difficulty). Persons with a preexisting, nonspecific bronchial hyperreactivity can respond to concentrations below the exposure limits or guidelines with similar symptoms as well as asthma attack or asthma-like symptoms. Exposure well above the exposure limits or guidelines may lead to bronchitis, bronchial spasm and pulmonary edema (fluid in lungs). Chemical or hypersensitivity pneumonitis, with flu-like symptoms (e.g. fever, chills), has also been reported. These symptoms can be delayed up to several hours after exposure. These effects are usually reversible.

May cause skin irritation with symptoms of reddening, itching, and swelling. Can cause sensitization. Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching, swelling, and rash. Cured material is difficult to remove.

May cause eye irritation with symptoms of reddening, tearing, stinging, and swelling. May cause temporary corneal injury. Vapor or aerosol may cause irritation with symptoms of burning and tearing.

May cause irritation of the digestive tract; Symptoms may include abdominal pain, nausea, vomiting, and diarrhea.

**Delayed:** Symptoms affecting the respiratory tract can also occur several hours after overexposure.

### Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Use lukewarm water if possible. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Then remove contact lenses, if easily removable, and continue eye irrigation for not less than 15 minutes. Get medical attention if irritation develops.

### Skin Contact

If direct skin contact with isocyanates occurs, immediately remove contaminated clothing and shoes. Wipe off the isocyanate product from the skin using dry towels or other similar absorbent fabric. If readily available, apply a polyglycol-based cleanser (e.g. SKC, Inc. (SKC) D-TAM™ Skin Cleanser) or corn oil. Wash with soap and warm water and pat dry. If a polyglycol-based cleanser is not available, wash with soap and warm water for 15 minutes. If available, use a wipe test pad to verify decontamination is complete (e.g. SKC SWYPE™). Get medical attention if irritation develops. Discard or wash contaminated clothing before reuse.

### Inhalation

Move to an area free from further exposure. Extreme asthmatic reactions that may occur in sensitized persons can be life threatening. Get medical attention immediately. Administer oxygen or artificial respiration as needed. Asthmatic symptoms may develop and may be immediate or delayed up to several hours.

### Ingestion

Do NOT induce vomiting. Wash mouth out with water. Do not give anything by mouth to an unconscious

person. Get medical attention.

#### **Notes to Physician**

Eyes: Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid preparation as needed. Workplace vapors could produce reversible corneal epithelial edema impairing vision. Skin: This compound is a skin sensitizer. Treat symptomatically as for contact dermatitis or thermal burn. Ingestion: Treat symptomatically. There is no specific antidote. Inducing vomiting is contraindicated because of the irritating nature of the compound. Inhalation: Treatment is essentially symptomatic. An individual having a dermal or pulmonary sensitization reaction to this material should be removed from further exposure to any diisocyanate.

### **5. Firefighting Measures**

**Suitable Extinguishing Media:** Dry chemical, Carbon dioxide (CO<sub>2</sub>), Foam, water spray for large fires.

**Unsuitable Extinguishing Media:** High volume water jet

#### **Fire Fighting Procedure**

Firefighters should wear NFPA compliant structural firefighting protective equipment, including self-contained breathing apparatus and NFPA compliant helmet, hood, boots and gloves. Avoid contact with product. Decontaminate equipment and protective clothing prior to reuse. During a fire, isocyanate vapors and other irritating, highly toxic gases may be generated by thermal decomposition or combustion. Exposure to heated diisocyanate can be extremely dangerous.

#### **Hazardous Decomposition Products**

By Fire and High Heat: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke., Amines, Hydrogen cyanide, Isocyanate, Isocyanic Acid, Other undetermined compounds

#### **Unusual Fire/Explosion Hazards**

Closed container may forcibly rupture under extreme heat or when contents are contaminated with water (CO<sub>2</sub> formed). Use cold-water spray to cool fire-exposed containers to minimize the risk of rupture. Large fires can be extinguished with large volumes of water applied from a safe distance, since reaction between water and hot diisocyanate can be vigorous.

### **6. Accidental Release Measures**

#### **Spill and Leak Procedures**

Use appropriate personal protective equipment during clean up. Dike or dam spilled material and control further spillage, if possible. Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Ventilate area to remove vapors or dust. Do not allow spilled material or wash water to enter sewers, surface waters, or groundwater systems.

### **7. Handling and Storage**

#### **Handling/Storage Precautions**

Do not breathe vapors, mists, or dusts. Use adequate ventilation to keep airborne isocyanate and blocking agent levels below the exposure limits. Wear respiratory protection if material is heated, sprayed, used in a confined space, or if any exposure limit is exceeded. Warning properties (irritation of the eyes, nose and throat or odor) are not adequate to prevent overexposure from inhalation. Offgases generated during heat curing can produce asthmatic sensitization upon either single inhalation exposure to a relatively high

concentration or upon repeated inhalation exposures to lower concentrations. Individuals with lung or breathing problems or prior allergic reactions to isocyanates must not be exposed to oven offgases. Avoid contact with skin and eyes. Wear appropriate eye and skin protection. Wash thoroughly after handling. Do not breathe smoke and gases created by overheating or burning this material. Decomposition products can be highly toxic and irritating. Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected.

**Storage Period:**

5 Months: after receipt of material by customer

**Storage Temperature**

**Minimum:** 5 °C (41 °F)

**Maximum:** 23 °C (73.4 °F)

**Storage Conditions**

Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Substances to Avoid**

Water, Amines, Strong bases, Alcohols, Copper alloys

**8. Exposure Controls/Personal Protection**

The recommendations in this section should not be a substitute for a personal protective equipment (PPE) assessment performed by the employer as required by 29 CFR 1910 Subpart I.

**Exposure Limits**

The following exposure limits for hexamethylene diisocyanate (HDI) do not apply to the product in its supplied form; however, when the product is heated (i.e. during processing, thermal decomposition conditions or unblocking), there is a potential for the release of hexamethylene diisocyanate (HDI) vapors.

**Hexamethylene-1,6-Diisocyanate (822-06-0)**

US. ACGIH Threshold Limit Values, as amended  
Time weighted average 0.005 ppm

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.

**Industrial Hygiene/Ventilation Measures**

During the unblocking process for this product isocyanate and blocking agent exposure levels should be monitored. Good industrial hygiene practice dictates that worker protection should be achieved through engineering controls, such as ventilation, whenever feasible. When such controls are not feasible to achieve full protection, the use of respirators and other personal protective equipment is mandated. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination. Curing ovens must be ventilated to prevent emissions into the workplace. If oven offgases are not vented properly (i.e. they are released into the work area), it is possible to be exposed to airborne monomeric diisocyanate and blocking agent.

**Respiratory Protection**

The type of respiratory protection selected must comply with the requirements set forth in OSHA's Respiratory Protection Standard (29 CFR 1910.134). The type of respiratory protection available includes (1) an atmosphere-supplying respirator such as a self-contained breathing apparatus (SCBA) or a supplied

air respirator (SAR) in the positive pressure or continuous flow mode, or (2) an air-purifying respirator (APR). If an APR is selected then a change out schedule, based on objective information or data that will ensure that the cartridges are changed out before the end of their service life, must be developed and implemented. The basis for the change out schedule must be described in the written respirator program. Further, if an APR is selected the airborne concentration must be no greater than 10 times the TLV or PEL. For spray applications, a combination particulate/organic vapor (P95/OV) cartridge is recommended. If exposure to oven off-gases is expected, use of a positive pressure or continuous flow SAR is recommended.

#### **Hand Protection**

Ensure gloves remain in good condition during use and replace if any deterioration is observed.

Gloves should be worn., Nitrile rubber gloves., Butyl rubber gloves., Neoprene gloves

#### **Eye Protection**

When directly handling liquid product, eye protection is required. Examples of eye protection include a chemical safety goggle, or chemical safety goggle in combination with a full face shield when there is a greater risk of splash.

#### **Skin Protection**

Avoid all skin contact. Depending on the conditions of use, cover as much of the exposed skin area as possible with appropriate clothing to prevent skin contact., Gloves, long sleeved shirts and pants.

#### **Medical Surveillance**

All applicants who are assigned to an isocyanate work area should undergo a pre-placement medical evaluation. A history of eczema or respiratory allergies such as hay fever, are possible reasons for medical exclusion from isocyanate areas. Applicants who have a history of adult asthma should be restricted from work with isocyanates. Applicants with a history of prior isocyanate sensitization should be excluded from further work with isocyanates. A comprehensive annual medical surveillance program should be instituted for all employees who are potentially exposed to diisocyanates. Once a worker has been diagnosed as sensitized to any isocyanate, no further exposure can be permitted. Refer to the Covestro pamphlet (Medical Surveillance Program for Isocyanate Workers) for additional guidance.

#### **Additional Protective Measures**

Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

### **9. Physical and Chemical Properties**

<b>State of Matter:</b>	liquid
<b>Color:</b>	White to yellow
<b>Odor:</b>	characteristic
<b>Odor Threshold:</b>	No Data Available
<b>pH:</b>	ca. 8 (Determined in a 10 % aqueous solution)
<b>Boiling Point:</b>	ca. 100 °C (212 °F) @ 1,010 hPa (DIN 53171)
<b>Flash Point:</b>	(DIN EN ISO 2719) No flash point up to initial boiling point.
<b>Evaporation Rate:</b>	No Data Available
<b>Lower explosion limit:</b>	No Data Available
<b>Upper Explosion Limit:</b>	No Data Available
<b>Vapor Pressure:</b>	No Data Available
<b>Vapor Density:</b>	No Data Available
<b>Density:</b>	ca. 1.07 g/cm <sup>3</sup> @ 20 °C (68 °F)
<b>Relative Vapor Density:</b>	No Data Available
<b>Specific Gravity:</b>	No Data Available

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<b>Solubility in Water:</b>	No Data Available
<b>Partition Coefficient: n-octanol/water:</b>	No Data Available
<b>Auto-ignition Temperature:</b>	ca. 450 °C (842 °F) @ 1,010 hPa (DIN 51794)
<b>Decomposition Temperature:</b>	No Data Available
<b>Unblocking Temperature:</b>	No Data Available
<b>Dynamic Viscosity:</b>	ca. 700 mPa.s @ 23 °C (73.4 °F) (DIN 53019)
<b>Kinematic Viscosity:</b>	No Data Available
<b>Bulk Density:</b>	No Data Available
<b>Molecular Weight:</b>	No Data Available
<b>Pour point:</b>	ca. 0 °C (32 °F) (ISO 3016)
<b>Self Ignition:</b>	not applicable

## 10. Stability and Reactivity

### Stability

Stable under normal conditions.

### Materials to Avoid

Water, Amines, Strong bases, Alcohols, Copper alloys

### Conditions to Avoid

Avoid elevated temperatures to prevent unintentional unblocking.

### Hazardous Decomposition Products

By Fire and High Heat: Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke., Amines, Hydrogen cyanide, Isocyanate, Isocyanic Acid, Other undetermined compounds

## 11. Toxicological Information

### Likely Routes of Exposure:

Skin Contact  
Inhalation  
Eye Contact

### Health Effects and Symptoms

**Acute:** This product contains a blocked polyisocyanate which is considered essentially unreactive at room temperature even though it may contain a small amount of excess blocking agent. Generation of free diisocyanate and blocking agent vapors are expected in the oven during curing or during any accidental heating of this product above its unblocking temperature. The health effects and symptoms in this section apply to the free diisocyanate and blocking agent vapors thus produced, as well as to any exposure to solvent ingredients, if included in this product., Isocyanate vapors or mist at concentrations above the exposure limits or guidelines can irritate (burning sensation) the mucous membranes in the respiratory tract (nose, throat, lungs) with symptoms of runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function (breathing difficulty). Persons with a preexisting, nonspecific bronchial hyperreactivity can respond to concentrations below the exposure limits or guidelines with similar symptoms as well as asthma attack or asthma-like symptoms. Exposure well above the exposure limits or guidelines may lead to bronchitis, bronchial spasm and pulmonary edema (fluid in lungs). Chemical or hypersensitivity pneumonitis, with flu-like symptoms (e.g. fever, chills), has also been reported. These symptoms can be delayed up to several hours after exposure. These effects are usually reversible.

May cause skin irritation with symptoms of reddening, itching, and swelling. Can cause sensitization. Persons previously sensitized can experience allergic skin reaction with symptoms of reddening, itching,

swelling, and rash. Cured material is difficult to remove.

May cause eye irritation with symptoms of reddening, tearing, stinging, and swelling. May cause temporary corneal injury. Vapor or aerosol may cause irritation with symptoms of burning and tearing.

May cause irritation of the digestive tract; Symptoms may include abdominal pain, nausea, vomiting, and diarrhea.

**Chronic:** As a result of previous repeated overexposures or a single large dose, certain individuals may develop sensitization to isocyanates (asthma or asthma-like symptoms) that may cause them to react to a later exposure to isocyanates at levels well below the exposure limits or guidelines. These symptoms, which can include chest tightness, wheezing, cough, shortness of breath or asthmatic attack, could be immediate or delayed up to several hours after exposure. Extreme asthmatic reactions can be life threatening. Similar to many non-specific asthmatic responses, there are reports that once sensitized an individual can experience these symptoms upon exposure to dust, cold air, or other irritants. This increased lung sensitivity can persist for weeks and in severe cases for several years. Sensitization can be permanent.

Prolonged contact with skin can cause reddening, swelling, rash, and, in some cases, skin sensitization. Animal tests and other research indicate that skin contact with isocyanates can play a role in causing isocyanate sensitization and respiratory reaction. This data reinforces the need to prevent direct skin contact with isocyanates.

Prolonged vapor contact with the eyes may cause conjunctivitis.

**Delayed:** Symptoms affecting the respiratory tract can also occur several hours after overexposure.

#### **Toxicity Data for: BAYHYTHERM 3246**

Data on the product is not available.

Please find the data available for the components.

##### **Acute Oral Toxicity**

Acute toxicity estimate: > 5,000 mg/kg (Calculation method)

##### **Acute Inhalation Toxicity**

Acute toxicity estimate: > 40 mg/l, 4 h, vapour (Calculation method)

#### **Toxicity Data for: Polyurethane Resin**

##### **Acute Oral Toxicity**

LD50: > 2,000 mg/kg (rat) (OECD Test Guideline 423)

Studies of a comparable product.

##### **Skin Irritation**

rabbit, OECD Test Guideline 404, slight irritant

Studies of a comparable product.

##### **Eye Irritation**

rabbit, OECD Test Guideline 405, slight irritant

Studies of a comparable product.

##### **Sensitization**

Skin sensitisation according to Buehler (epicutaneous test):: negative (Guinea pig, OECD Test Guideline

406)

Studies of a comparable product.

**Mutagenicity**

Genetic Toxicity in Vitro:

Salmonella/microsome test (Ames test): No indication of mutagenic effects.

Toxicological studies of a comparable product.

**Toxicity Data for: DMP Blocked Polyisocyanate Based on HDI**

**Acute Oral Toxicity**

LD50: > 2,000 mg/kg (rat, male/female) (OECD Test Guideline 423)

**Acute Inhalation Toxicity**

LC50: > 2.379 mg/l, 4 h, dust/mist (rat, male/female) (OECD Test Guideline 403)

**Skin Irritation**

rabbit, OECD Test Guideline 404, slight irritant

**Eye Irritation**

rabbit, OECD Test Guideline 405, non-irritant

**Sensitization**

Skin sensitisation according to Buehler (epicutaneous test):: negative (Guinea pig, OECD Test Guideline 406)

Respiratory sensitization:

No data available.

**Repeated Dose Toxicity**

inhalation (dust/mist/fume): NOAEL: 0.0115 mg/l, (rat, male, 6 hours a day, 5 days a week)

inhalation (dust/mist/fume): LOAEL: 0.0003 mg/l, (rat, male/female, 6 hours a day, 5 days a week)

**Mutagenicity**

Genetic Toxicity in Vitro:

Ames test: negative (Salmonella typhimurium, Metabolic Activation: with/without)

In vitro mammalian cell gene mutation test: negative (Chinese hamster V79 cell line, Metabolic Activation: with/without)

Chromosome aberration test in vitro: negative (Chinese hamster V79 cell line, Metabolic Activation: with/without)

**Carcinogenicity:**

No carcinogenic substances as defined by IARC, NTP and/or OSHA

**12. Ecological Information**

**Ecological Data for: BAYHYTHERM 3246**

Data on the product is not available. Please find the data available for the components.

**Ecological Data for Polyurethane Resin**

**Biodegradation**

< 60 %, Exposure time: 28 d, i.e. not readily degradable

Material Name: BAYHYTHERM 3246

Material Number: 81650551

Studies of a comparable product.

**Acute and Prolonged Toxicity to Fish**

LC50: > 100 mg/l (Danio rerio (zebra fish), 96 h)

Studies of a comparable product.

**Acute Toxicity to Aquatic Invertebrates**

EC50: > 100 mg/l (Daphnia magna (Water flea), 48 h)

Studies of a comparable product.

**Toxicity to Microorganisms**

EC50: > 10,000 mg/l, (activated sludge)

Studies of a comparable product.

**Ecological Data for DMP Blocked Polyisocyanate Based on HDI**

**Biodegradation**

23 %, Exposure time: 28 d, i.e. not readily degradable

**Bioaccumulation**

Bioaccumulation is unlikely.

**Acute and Prolonged Toxicity to Fish**

LC50: 562 mg/l (Brachydanio rerio (zebrafish), 96 h)

**Acute Toxicity to Aquatic Invertebrates**

EC50: > 100 mg/l (Daphnia magna (Water flea), 48 h)

**Toxicity to Aquatic Plants**

EC50: > 100 mg/l, End Point: Growth inhibition (Desmodesmus subspicatus (Green algae), 72 h)

**Toxicity to Microorganisms**

EC50: > 10,000 mg/l, (activated sludge, 30 min)

**13. Disposal Considerations**

**Waste Disposal Method**

Waste disposal should be in accordance with existing federal, state and local environmental control laws. The Covestro preferred method for disposal of unused product is incineration. Contact and follow the guidance of a licensed disposal facility to properly dispose of unused product or chemical waste.

**Empty Container Precautions**

Containers that are empty as defined by RCRA (40 CFR part 261.7), may retain product residue; observe all precautions for product. Do not grind, torch cut, weld or heat an empty container that once held an isocyanate-containing product; highly toxic vapors or gases are formed.

*Drums*

One method for disposing of empty drums is to contract with an approved drum re-conditioner. A state by state listing of drum re-conditioners can be obtained from the Reusable Industrial Packaging Association (RIPA) at [www.reusablepackaging.org](http://www.reusablepackaging.org).

If not sent to a re-conditioner, it is important that the company contacted to dispose of the drums be notified of the hazards associated with the isocyanate-containing product. Metal recycling firms may require that the drum be thoroughly decontaminated with a neutralizing agent prior to disposal. Contact Covestro LLC for the proper procedure to neutralize and remove product residue from the drum. If not recycled, empty drums should be crushed by mechanical means, such that reuse is impossible. Consult federal, state and

local regulations, as well as a licensed waste disposal facility to determine proper disposition of crushed drums.

#### *Bulk Containers*

Some Covestro products are shipped in portable tanks referred to as Monotainers®. Covestro LLC owns these Monotainers® and assists the customer in their return to Covestro LLC when empty. Other Covestro products may be shipped in composite intermediate bulk containers, commonly referred to as totes. These containers are returned to the tote manufacturer, not Covestro, when empty. Instructions on returning these containers when empty are provided with each container.

Flexible intermediate bulk containers, commonly referred to as supersacks, should be shredded when empty in such a way that reuse is impossible.

#### *Other Containers*

For all other packaging (e.g., aluminum bullet sample containers, and 1- and 5-gallon pails), these containers are non-returnable and should not be reused for any other purpose. Remove any remaining product and store in an appropriate waste container for proper disposal. Consult federal, state and local regulations, as well as a licensed waste disposal facility to determine proper disposition of these empty containers.

### **14. Transportation Information**

#### **Land transport (DOT)**

**Non-Regulated**

#### **Sea transport (IMDG)**

**Non-Regulated**

#### **Air transport (ICAO/IATA)**

**Non-Regulated**

### **15. Regulatory Information**

#### **United States Federal Regulations**

**US. Toxic Substances Control Act:** Listed on the Active Portion of the TSCA Inventory.

No substances are subject to TSCA 12(b) export notification requirements.

#### **US. EPA CERCLA Hazardous Substances (40 CFR 302) Components:**

None

#### **SARA Section 311/312 Hazard Categories:**

Refer to hazard classification information in Section 2.

#### **US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components:**

None

#### **US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required Components:**

None

**US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261):**

Under RCRA, it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

**State Right-To-Know Information**

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:**

<u>Concentration</u>	<u>Components</u>	<u>CAS-No.</u>
>=1%	Water	7732-18-5
>=1%	Polyurethane Resin	CAS# is a trade secret
7 - 13%	DMP Blocked Polyisocyanate Based on HDI	CAS# is a trade secret
1 - 5%	Propylene Glycol Monomethyl Ether Acetate	108-65-6
1 - 5%	Petroleum Solvent	64742-95-6
1 - 5%	Dimethylethanolamine	108-01-0

**New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists:**

<u>Concentration</u>	<u>Components</u>	<u>CAS-No.</u>
1 - 5%	Dimethylethanolamine	108-01-0
0.1 - 1%	1,2,4-Trimethylbenzene	95-63-6

**California Proposition 65 List:**

<u>Concentration</u>	<u>Components</u>	<u>CAS-No.</u>
40 - 45 ppb	Hexachlorobenzene	118-74-1

**CFATS (Chemical Facility Anti-Terrorism Standards) Chemicals**

To the best of our knowledge, this product does not contain Appendix A Chemicals of Interest (COI), at or above the Screening Threshold Quantity (STQ), as defined by the Department of Homeland Security Chemical Facility Anti-terrorism Standard (CFATS, 6 CFR Part 27).

Based on information provided by our suppliers, this product is considered "DRC Conflict Free" as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716; File No. S7-40-10; Date: 2012-08-22).

**16. Other Information**

The method of hazard communication for Covestro 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.productsafetyfirst.covestro.com](http://www.productsafetyfirst.covestro.com).

The handling of products containing reactive polyisocyanate/prepolymer and/or monomeric diisocyanate requires appropriate protective measures referred to in this SDS. These products are therefore recommended only for use in industrial or trade (commercial) applications. They are not suitable for use in Do-It-Yourself applications.

Contact: Product Safety Department

Material Name: BAYHYTHERM 3246

Material Number: 81650551

Telephone: (412) 413-2835  
Version Date: 07/02/2020  
SDS Version: 1.10

Information contained in this SDS is believed to be accurate but is furnished without warranty, express or implied, including warranties of merchantability or fitness for a particular purpose. The information relates only to the specific material designated herein. Covestro LLC. assumes no legal responsibility for use of or reliance upon the information in this SDS and such information shall in no case be considered a part of our terms and conditions of sale. The user is responsible for determining whether the Covestro product is suitable for user's method of use or application. Covestro is not liable for any failure to observe the precautionary measures described in this SDS or for any misuse of the product.