



### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product name: **GLAZEGUARD MATTE FINISH**  
Product Code: **PART A**  
Product Use: Aqueous polyurethane dispersion  
Manufacturer/Supplier: CoverTec Products LLC  
10821 NW 50<sup>th</sup> Street  
Sunrise, FL 33351  
United States of America  
Product Information : 754-223-2465  
Transport Emergency : INFOTRAC: +1-800-535-5053  
Revision Date: 07/23/2025  
Preparation Date: 06/25/2015

### SECTION 2 – HAZARDS IDENTIFICATION

#### 2.1 Classification of substance or mixture

This product is not hazardous per the Globally Harmonized System of Classification and Labelling (GHS).

#### 2.2 Label Elements

**Pictogram:** Not Applicable  
**Signal Word:** No Information available  
**Hazard Statement(s):** No Information available

#### Precautionary Statements: [Prevention]

P281 – Use personal protective equipment as required  
P270 – Do not eat drink or smoke when using this product  
P271 – Use only outdoors or in a well-ventilated area

#### [Response]

P302 + P352 – If on skin: Wash with soap and water  
P304 - If Inhaled : In case of reactions, seek medical advice  
P305 - -In case of eye or skin contact: Wash with plenty of water/soap. In case of reactions, consult a physician  
P301 – If swallowed: Rinse mouth. Do not induce vomiting. If swallowed seek medical advice immediately

#### [Storage]

P405 – Store between 41 and 95 deg F  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.  
P501 – Dispose of contents in accordance with national and local regulations

#### [Disposal]

**Physical and chemical hazards:** May cause pollution to water and soil.

**Health hazard:** No

**Environmental hazards:** no release of dangerous substances. Do not allow to enter sewage system in case of blockage due to polymer deposition.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT</u>  | <u>CAS NO.</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>OSHA STEL</u> | <u>WEIGHT %</u> |
|--------------------|----------------|-----------------|------------------|------------------|-----------------|
| Polyacrylate       | Trade Secret   | NONE            | NONE             | NONE             | <45             |
| Ammonium Hydroxide | 7732-18-5      | NONE            | NONE             | NONE             | <1              |

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

### SECTION 4 – FIRST AID MEASURES

#### 4.1 Description of first aid measures

**Inhalation:** If product mist or vapor causes 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 fitting clothing such as a collar, tie, belt or waistband. Seek medical attention immediately.

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes, holding the eyes open with finger tips and occasionally lifting the



upper and lower lids. Use lukewarm water if possible. Remove contact lenses, if present and easy to do, after the first 2 minutes and continue rinsing. If eye irritation persists, seek immediate medical attention, preferably from an ophthalmologist.

**Skin:** Flush skin with large amounts of water while removing contaminated clothing and continue rinsing for at least 15 minutes. Use lukewarm water, if possible. Wash contaminated clothing and shoes thoroughly before reuse. If skin irritation persists, if rash develops or if victim feels unwell, seek medical attention. Cured material may be difficult to remove from skin.

**Ingestion:** Rinse mouth thoroughly with water if victim is conscious. Remove dentures, if any. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. To prevent aspiration of swallowed product, lay victim on side the head lower than the waist. If victim feels unwell, seek medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed.

##### Potential health symptoms and effects

**Eyes:** Causes eye irritation. Symptoms may include redness, swelling, stinging and tearing.

**Skin:** Causes mild, transient skin irritation. Symptoms include localized redness, itching and discomfort. May cause skin rash in susceptible individuals. Mist or vapor may cause irritation of the nose, throat and respiratory tract. Symptoms may include sore throat, coughing, headache, nausea and shortness of breath.

**Ingestion:** May cause gastrointestinal irritation with nausea, abdominal pain, vomiting and diarrhea. May cause headache and dizziness. Repeated ingestion may be harmful.

**Chronic:** Pre-existing disorders of the skin and respiratory system may be aggravated by exposure to this product. Triethanolamine is a suspected carcinogen (refer to Section 11.2).

#### 4.3 Indication of any immediate medical attention and special treatment needed.

**Advice to Doctor and Hospital Personnel:** Treat symptomatically and supportively.

### SECTION 5 – FIRE FIGHTING MEASURES

#### 5.1 Extinguishable media

**Suitable methods of extinction:** Use dry chemical, carbon dioxide, foam and water spray

**Unsuitable methods of extinction:** None known

#### 5.2 Special hazards arising from the substance or mixture

Closed containers may explode due to the buildup of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.

#### 5.3 Advice for firefighters

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If possible, firefighters should control runoff water to prevent environmental contamination.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing designated in Section 8. Remove all sources of ignition. Ventilate the area.

#### 6.2 Environmental precautions

Avoid dispersal of spilled material or runoff and prevent contact with soil and entry into drains, sewers or waterways.

#### 6.3 Methods and materials for containment and cleaning up

Cover drains and contain spill. Cover with a large quantity of inert absorbent. Do not use combustible material such as saw dust. Shovel or sweep up product and place into an approved container for proper disposal. Clean contaminated area with soap and water.

#### 6.4 Reference to other sections

For indications about waste treatment, see Section 13.

### SECTION 7 – HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Observe label precautions. Wear all appropriate protective equipment specified in Section 8. Keep containers closed when not in use.

##### Advice on protection against fire and explosion

No special precautions against fire and explosion are required.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10.5), food and drink. Transfer only to approved containers having correct labeling. Keep container tightly closed. Keep from freezing. Protect container against physical damage. Containers that

have been opened must be carefully resealed and kept upright to prevent leakage. Containers of this material may be hazardous when empty as they contain product residue. Use appropriate containment to avoid environmental contamination. Ventilate closed areas. Do not take internally.

Keep out of reach of children.

#### 7.3 Specific end uses

Apart from the uses mentioned in Section 1.2, no other specific uses are stipulated.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION



### 8.1 Control parameters

### 8.2 Exposure controls

**Engineering Measures:** Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable. Refer to Section 7.1.

**Individual protection measures:** Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier.

**Hygiene measures:** Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking or using the lavatory.

**Eye/face protection:** Wear protective goggles or safety glasses with unperforated side shields during use. Refer to 29 CFR 1910.133 ANSI Z87.1 or European Standard EN 166.

**Hand Protection:** Wear gloves recommended by glove supplier for protection against materials in Section 3. Gloves should be impermeable to chemicals and oil. Breakthrough time of selected gloves must be greater than the intended use period.

**Other protective equipment:** Protective clothing. Protective boots, if the situation requires.

**Respiratory Protection:** None required with normal use. Always use an approved respirator when vapor/aerosols are generated. Where risk assessment shows air-purifying respirators are appropriate use a full-faced respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Environmental exposure controls:** Do not empty into drains

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Milky white liquid

**Odor:** slight

**Autoignition temperature** No Data Available

**Flash Point** > 200 °C (>392 °F)

**Flammable Limits - LEL** Not Applicable

**Flammable Limits - UEL** Not Applicable

**Boiling point** 100 degrees Celsius, 212 degrees Fahrenheit

**Freezing point** similar to water

**Density (g/cm<sup>3</sup>):** ca. 1.04 at 20 °C

**Vapor Density** No Data Available

**Vapor Pressure** No Data Available

**Viscosity, dynamic:** ≤500 mPa.s at 25 °C

**pH** 7.0 – 9.0

**Melting point** Not Applicable

**Solubility in Water** Soluble

**Volatile Organic Compounds:** Not established

## SECTION 10 – STABILITY AND REACTIVITY

### 10.1 Reactivity

No specific test data related to reactivity is available for this product.

### 10.2 Chemical stability

Stable under normal conditions of use and recommended storage conditions

### 10.3 Possibility of hazardous reactions

None known

Hazardous polymerization does not occur.

### 10.4 Conditions to avoid

Extreme temperatures, incompatible materials

### 10.5 Incompatible materials

Isocyanates, strong alkalis, strong acids, strong oxidizing agents

### 10.6 Hazardous decomposition products

Thermal decomposition products include oxides of carbon, oxides of nitrogen and other toxic gases.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Oral Toxicity

Expected to have low acute oral toxicity

#### Acute inhalation toxicity

No data available

#### Acute dermal toxicity

Expected to have low acute dermal toxicity

#### Skin irritation



May cause mild, transient skin irritation.

### **Eye irritation**

Causes eye irritation.

### **Sensitization**

May cause skin sensitization in susceptible individuals.

### **Genotoxicity in vitro**

No data available

### **Mutagenicity**

No data available

### **Specific organ toxicity - single exposure**

No data available

### **Specific organ toxicity - repeated exposure**

No data available

### **Aspiration hazard**

No data available

### **11.2 Further information**

Triethanolamine: IARC Class 3 carcinogen: Not classifiable as to its carcinogenicity to humans. Not classified as a carcinogen by OSHA, NTP or ACGIH.

No data is available regarding the mutagenicity or teratogenicity of this product, nor is there any available data that indicates that it causes adverse

developmental or fertility effects.

Handle in accordance with good industrial hygiene and safety practice.

## **SECTION 12 – ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

The aquatic toxicity of this product has not been experimentally determined. However, it is expected to have low acute aquatic toxicity based on the

acute aquatic toxicity of the individual components and their concentrations in this composition.

### **12.2 Persistence and degradability**

Product is not readily biodegradable.

### **12.3 Bioaccumulation potential**

Product is not expected to bioaccumulate.

### **12.4 Mobility**

No data available

### **12.5 Results of PBT and vPvB assessment**

No data available

### **12.6 Other adverse effects**

#### **Additional ecological information**

Do not allow material to run into surface waters, wastewater or soil.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

**Methods of disposal:** The generation of waste should be avoided or minimized whenever possible. Empty containers or liners may retain some product residues; observe all precautions for product. Do not heat or cut empty containers with electric or gas torch because highly toxic vapors and gases are formed. Do not reuse without thorough commercial cleaning and reconditioning. If containers are to be disposed, ensure that all product residues are removed prior to disposal.

This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff contact with soil and entry into waterways, drains and sewers.

**Hazardous waste:** The classification of this product may meet the criteria for a hazardous waste.

## **SECTION 14 – TRANSPORTATION INFORMATION**

### **Not regulated for transport**

**Note:** Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations

TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.



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**SECTION 15 – REGULATORY INFORMATION**

**15.1** The product is classified and labeled according to Regulation (EC)No. 1272/2008 (GHS/CLP). **15.2** Safety, health and environmental regulation/legislation specific for the substance or mixture Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances. **Not applicable** **15.3** All ingredients are listed in IECSC, or exempted, or confirmed by suppliers.

**SECTION 16– OTHER INFORMATION**

Indication of changes This version replaces all previous versions.



### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product name: **GLAZEGUARD MATTE FINISH**  
Product Code: **PART B**  
Product Use: Catalyst based on Hexamethylene Diisocyanate  
Manufacturer/Supplier: CoverTec Products LLC  
10821 NW 50<sup>th</sup> Street  
Sunrise, FL 33351  
United States of America  
Product Information : 754-223-2465  
Transport Emergency : INFOTRAC: +1-800-535-5053  
Revision Date: 07/23/2025  
Preparation Date: 06/25/2015

### SECTION 2 – HAZARDS IDENTIFICATION

#### GHS INFORMATION

**Classification:** Acute Toxicity - Inhalation, Category 4  
Sensitization - Respiratory, Category 1  
Sensitization - Skin, Category 1  
Specific Target Organ Toxicity (Single Exposure), Category 3 - Respiratory Irritation

#### LABEL ELEMENTS

##### Hazard

##### Pictogram(s):



##### Signal Word: Danger

##### Hazard

Harmful if inhaled

##### Statements:

May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause an allergic skin reaction.  
May cause respiratory irritation.

##### Precautionary Statements

##### Prevention:

Avoid breathing mist, vapors, or spray.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves, protective clothing and eye protection. Wear Respiratory protection.

##### Response:

IF ON SKIN: Wash with plenty of water.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER or doctor if you feel unwell.  
If skin irritation or rash occurs: Get medical attention.  
If experiencing respiratory symptoms: Call a POISON CENTER OR DOCTOR.  
Take off contaminated clothing and wash it before reuse.

**Storage:** Storage in a well-ventilated place. Keep container tightly closed. Store lock up.

**Disposal:** Dispose of contents and container in accordance with applicable regional, National and local laws and regulations.

**Hazards Not Otherwise Classified:** Not applicable.

**Ingredients with Unknown Toxicity:** None

This material is considered hazardous by OSHA Hazard Communication Standard, (29 CFR1910.1200)

This material is considered hazardous by the Hazardous Products Regulations.



### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT                 | CAS NO.      | OSHA PEL | ACGIH TLV | OSHA STEL | WEIGHT % |
|----------------------------|--------------|----------|-----------|-----------|----------|
| Hydrophilic Polyisocyanate | Trade Secret | NONE     | NONE      | NONE      | >99.8    |

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

### SECTION 4 – FIRST AID MEASURES

#### Description of first aid measures

**General advice:** Take off all contaminated clothing immediately.

**If inhaled:** Take the person into the fresh air and keep him warm, let him rest; if there is difficulty in breathing, medical advice is required.

**In case of skin contact:** In case of skin contact wash affected areas thoroughly with soap and plenty of water. Consult a doctor in the event of a skin reaction.

**In case of eye contact:** Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). Contact an ophthalmologist.

**If swallowed:** DO NOT induce the patient to vomit, medical advice is required.

### SECTION 5 – FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Carbon dioxide (CO<sub>2</sub>), Foam, extinguishing powder, in cases of larger fires, water spray should be used.

**Unsuitable extinguishing media:** High volume water jet

#### Special hazards arising from the substance or mixture:

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen, isocyanate vapors and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.

#### Advice for fire-fighters:

During fire-fighting respirator with independent air-supply and airtight garment is required.

Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Put on protective equipment (see section 8). Ensure adequate ventilation/exhaust extraction. Keep unauthorized persons away.

**Environment related measures:** Do not allow to escape into waterways, wastewater or soil.

**Methods and material for containment and cleaning up:** Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand). After approx. one hour transfer to waste container and do not seal (evolution of CO<sub>2</sub>!). Keep damp in a safe ventilated area for several days.

**Reference to other sections:** For further disposal measures see section 13.

### SECTION 7 – HANDLING AND STORAGE

#### Precautions for safe handling:

Provide sufficient air exchange and/or exhaust in work rooms. Exhaust ventilation necessary if product is sprayed.

The threshold limit values noted in Chapter 8 must be monitored. In all areas where isocyanate aerosols and/or vapor concentrations are produced in elevated concentrations, exhaust ventilation must be provided in such a way that the workplace exposure limits (WEL) is not exceeded. The air should be drawn away from the personnel handling the product

The personal protective measures described in Chapter 8 must be observed. The precautions required in the handling of isocyanates must be taken. Avoid contact with skin and eyes and the inhalation of vapor.

Keep away from foodstuffs, drinks, and tobacco. Wash hands before breaks and at end of work and use skin-protecting ointment. Keep working clothes separately. Take off all contaminated clothing immediately.

#### Conditions for safe storage, including any incompatibilities:

Keep container dry and tightly closed in a cool and well-ventilated place. Further information on the storage conditions which must be observed to preserve quality can be found in our product information sheet. The product will keep stable for at least twelve months when stored in its sealed original packaging at temperatures between 5°C and 35°C.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION



### Exposure controls

#### Respiratory protection:

Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended.

In case of hypersensitivity of the respiratory tract and skin (e.g., asthmatics and those who suffer from chronic bronchitis and chronic skin complaint) it is inadvisable to work with the product.

#### Hand protection:

Suitable materials for safety gloves; EN 374:

Butyl rubber -IIR: thickness  $\geq 0.5$ mm; breakthrough time  $\geq 480$ min.

Fluorinated rubber -FKM ( $\geq 0.4$  mm)

Recommendation: contaminated gloves should be disposed of.

#### Eye protection:

Wear eye/face protection.

#### Skin and body protection:

Wear suitable protective clothing.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties.

**Form:** Clear liquid

**Odor:** slight

**Odor Threshold:** Not established

**Autoignition temperature** No Data Available

**Flash Point:** ca. 196°C(at 1,013 hPa)

**Flammable Limits - LEL** Not Applicable

**Flammable Limits - UEL** Not Applicable

**Boiling point:**  $>300^{\circ}\text{C}$ (at 1,013 hPa)

**Evaporation rate:** Not applicable

**Density:** ca. 1.16g/cm<sup>3</sup>at 20°C

**Vapor Density:** ca. 1.16g/cm<sup>3</sup>at 20°C

**Vapor Pressure:** ca. 17hPa (at 20°C);

ca. 26hPa (at 50°C)

ca. 28 hPa (at 55°C)

**pH** No Data Available

**Melting point/freezing point:** ca. -22°C

**Ignition temperature:** ca. 425°C(at 1,013 hPa)

**Viscosity:** ca. 1500 -3500 mPa.s (at 25°C)

**Explosive properties:** Not established.

**Oxidising properties:** Not established.

**Other Information:** The indicated values do not necessarily correspond to the product specification.

Please refer to the technical information sheet for specification data

## SECTION 10 – STABILITY AND REACTIVITY

**Possibility of hazardous reactions:**Exothermic reaction with amines and alcohols; reacts slowly with water forming CO<sub>2</sub>, in closed containers risk of bursting owing to increase of pressure.

**Hazardous decomposition products:**On drying of the coating / hardening release of neutralising agent.  
(see section 3).

## SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological studies on the product are not yet available.  
Please find below the data available to us:

#### Acute toxicity, oral:

Hydrophilic Polyisocyanate

LD50 rat:  $\geq 5.000$  mg/kg

Method: OECD Test Guideline 423

Toxicological studies of a comparable product.



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**Acute toxicity, dermal**

No data available.

**Acute toxicity, inhalation**

No data available.

**Primary skin irritation**

Hydrophilic Polyisocyanate

Species: rabbit

Result: An irritant effect cannot be distinguished from a mechanical load caused by the removal of the test specimen.

Classification: No skin irritation

Method: OECD Test Guideline 404

Toxicological studies of a comparable product.

**Primary mucosae irritation**

Hydrophilic Polyisocyanate

Species: rabbit

Result: slight irritant

Classification: No eye irritation

Method: OECD Test Guideline 405

Toxicological studies of a comparable product.

**Sensitisation**

Hydrophilic Polyisocyanate

Skin sensitization (local lymph node assay (LLNA)):

Species: Mouse

Result: positive

Classification: May cause sensitization by skin contact (Sub cat. 1B)

Method: OECD Test Guideline 429

Toxicological studies of a comparable product.

**Subacute, subchronic and prolonged toxicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity/Fertility**

No data available.

**Reproductive toxicity/Teratogenicity**

No data available.

**Genotoxicity in vitro**

Hydrophilic Polyisocyanate

Test type: Salmonella/microsome test (Ames test)

Result: No indication of mutagenic effects.

Method: OECD Test Guideline 471

Toxicological studies of a comparable product.

**Genotoxicity in vivo**

No data available.

**STOT evaluation – one-time exposure**

Hydrophilic Polyisocyanate

May cause respiratory irritation.

Studies of a comparable product.

**STOT evaluation – repeated exposure**

No data available.

**Aspiration toxicity**

No data available.

**Additional information**

Special properties/effects: Over-exposure entails the risk of concentration-dependent irritating effects on eyes, nose throat, and respiratory tract. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

Hypersensitive persons may suffer from these effects even at low isocyanate concentrations, including concentrations below the occupational exposure limit.

Prolonged contact with the skin may cause tanning and irritant effects.



## SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicological studies of the product are not available.

Do not allow to escape into waterways, wastewater or soil.

Please find below the data available to us:

### Acute Fish toxicity

Hydrophilic Polyisocyanate

LC5035,2 mg/l

Species: Danio rerio (zebra fish)

Exposure duration: 96 h

Method: OECD Test Guideline 203

Ecotoxicological reports on a comparable product

### Acute toxicity for daphnia

Hydrophilic Polyisocyanate

EC50 > 100 mg/l

Species: Daphnia magna (Waterflea)

Exposure duration: 48 h

Method: OECD Test Guideline 202

Ecotoxicological reports on a comparable product

### Acute toxicity for algae

Hydrophilic Polyisocyanate

ErC50 72 mg/l

Species: Desmodesmus subspicatus (Green algae)

Exposure duration: 72 h

Method: OECD Test Guideline 201

Ecotoxicological reports on a comparable product

### Acute bacterial toxicity

Hydrophilic Polyisocyanate

EC50 > 10.000 mg/l

Species: activated sludge

Method: OECD Test Guideline 209

Ecotoxicological reports on a comparable product

### Biodegradability

Hydrophilic Polyisocyanate

Biodegradation: 0 %, 28 d, i.e. not readily degradable

Method: OECD Test Guideline 301 F

Ecotoxicological reports on a comparable product

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

### Other adverse effects

Isocyanate reacts with water at the interface forming CO<sub>2</sub> and a solid insoluble product with high melting point (polyurea). This reaction is accelerated by surfactants (e.g., detergents) or by water-soluble solvents. Previous experience shows that polyurea is inert and non-degradable.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable international, national and local laws, ordinances and statutes. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

### Waste treatment methods

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. These containers can be



returned for recycling to the appropriate centers set up within the framework of the existing take-back scheme of the chemical industry.  
Containers must be recycled in compliance with national legislation and environmental regulations.  
None disposal into waste water.

### SECTION 14 – TRANSPORTATION INFORMATION

#### Not regulated for transport

|                                                                                |                      |
|--------------------------------------------------------------------------------|----------------------|
| ADR/RID                                                                        |                      |
| UN number                                                                      | Not dangerous goods  |
| UN proper shipping name                                                        | Not dangerous goods  |
| Transport hazard class                                                         | Not dangerous goods  |
| Packing group                                                                  | Not dangerous goods  |
| Environment hazards                                                            | Not dangerous goods  |
| AND                                                                            |                      |
| UN number                                                                      | Not dangerous goods  |
| UN proper shipping name                                                        | Not dangerous goods  |
| Transport hazard class                                                         | Not dangerous goods  |
| Packing group                                                                  | Not dangerous goods  |
| Environment hazards                                                            | Not dangerous goods  |
| IATA                                                                           |                      |
| UN number                                                                      | Not dangerous goods  |
| UN proper shipping name                                                        | Not dangerous goods  |
| Transport hazard class                                                         | Not dangerous goods  |
| Packing group                                                                  | Not dangerous goods  |
| Environment hazards                                                            | Not dangerous goods  |
| IMDG                                                                           |                      |
| UN number                                                                      | Not dangerous goods  |
| UN proper shipping name                                                        | Not dangerous goods  |
| Transport hazard class                                                         | Not dangerous goods  |
| Packing group                                                                  | Not dangerous goods  |
| Environment hazards                                                            | Not dangerous goods  |
| Special precautions for user                                                   |                      |
| See section 6-8.                                                               |                      |
| Additional information                                                         | Not dangerous cargo. |
| Avoid heat above 35°C or lower than 5°C, stay away from food, acids and bases. |                      |
| According to 57th of IATA DGR 2016, this product is not dangerous.             |                      |

### SECTION 15 – REGULATORY INFORMATION

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

Schedule 6 (Standard for the Uniform Scheduling of Medicines and Poisons)

Any existing national regulations on the handling of isocyanates must be observed.

### SECTION 16– OTHER INFORMATION

Indication of changes This version replaces all previous versions.