



## Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 07.22.2013

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Revision date: 08.17.2026

### RhinoSeal WB Urethane Hardener

#### SECTION 1: Identification

##### Product Identifier

**Product Name:** RhinoSeal WB Urethane Hardener

**Product code:** RF300-WBU-B

**Additional information:** RF300-WBU-B used for Satin and Gloss Systems

**Recommended Use of the Chemical and Restrictions on Use:**

**Recommended Uses:** FLOOR COATINGS SYSTEM: Hardener Component

**Restrictions on Use:** Not determined or not applicable.

##### Manufacturer or Supplier Details

##### Manufacturer:

##### United States

Rhino Linings Corporation

1001 Ed Rutherford Road

Greenville, TX 75402

800-422-2603

www.rhinolinings.com

##### Emergency Telephone Number:

##### North America

CHEMTREC

800-424-9300 (24/7)

#### SECTION 2: Hazard Identification

##### Classification of the chemical in accordance with paragraph (d) of § 1910.1200:

Flammable liquids, category 2

Acute toxicity (inhalation), category 4

Acute toxicity (oral), category 4

Respiratory sensitization, category 1

Skin sensitization, category 1

Specific target organ toxicity - single exposure, category 3, respiratory tract irritation

##### Label elements

##### Hazard Symbol(s):



**Signal Word:** Danger

##### Hazard statement(s):

H225 Highly flammable liquid and vapor

H332 Harmful if inhaled

H302 Harmful if swallowed

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H317 May cause an allergic skin reaction

H335 May cause respiratory irritation

##### Precautionary Statement(s):

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P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, and lighting equipment.

P261 Avoid breathing dust/fume/gas/mist/ vapors/spray.

P242 Use non-sparking tools.

P243 Take action to prevent static discharge.

P264 Wash any exposed skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P284 In case of inadequate ventilation wear respiratory protection.

P301+P312 IN CASE OF INGESTION: If you feel unwell, contact a POISON INFORMATION CENTER.

P330 Rinse mouth.

P303+P361+P353 IN CASE OF SKIN CONTACT (or with hair): Immediately remove all contaminated clothing. Rinse skin with water.

P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.

P363 Wash contaminated clothing before reuse.

P342+P311 In case of respiratory symptoms: Call a POISON INFORMATION CENTER or physician.

P370+P378 In case of fire: Use agents recommended in Section 5 for extinction.

P312 If you feel unwell, contact a POISON INFORMATION CENTER.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

**Hazards Not Otherwise Classified:** None

### SECTION 3: Composition/Information on Ingredients

| Identification             | Name                                                             | Weight % |
|----------------------------|------------------------------------------------------------------|----------|
| CAS Number:<br>28182-81-2  | Hexamethylene diisocyanate, oligomers                            | 60-80    |
| CAS Number:<br>666723-27-9 | Blocked Polyisocyanate Based on Hexamethylene Diisocyanate (HDI) | 10-30    |
| CAS Number:<br>67-64-1     | Acetone                                                          | 5-15     |
| CAS Number:<br>Proprietary | Confidential Component                                           | 1-5      |
| CAS Number:<br>822-06-0    | Hexamethylene diisocyanate                                       | 0.1-1    |

#### Additional information:

Specific chemical identity and/or exact percentage (concentration) of each ingredient may be held as confidential business information (CBI). Any ingredient not disclosed in this section may have been determined not to be hazardous to health or the environment, or it may be present at a level below its disclosure threshold.

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#### SECTION 4: First Aid Measures

##### Description of Necessary Measures

###### General Notes:

Show this Safety Data Sheet to the doctor in attendance

###### After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If exposed, seek medical advice/attention

###### After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention

###### After Eye Contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

###### After Ingestion:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

##### Most Important Symptoms and Effects, Both Acute and Delayed

###### Acute Symptoms and Effects:

Product is highly flammable. Exposure to sources of ignition may cause physical injury  
Acute oral exposure may lead to dizziness, drowsiness, headache, breathing difficulties, nausea, vomiting, abdominal pain, and lowering of consciousness. Adverse effects are dependent on exposure (dose, concentration, contact time)  
Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis  
Inhalation exposure may cause allergy, asthma symptoms or breathing difficulties. Symptoms may include cough, chronic phlegm, shortness of breath, wheezing and chest tightness. Symptoms may be delayed

###### Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time)  
Symptoms of exposure may be delayed

##### Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

###### Immediate Medical Attention:

If respiratory symptoms persist, seek medical attention  
Skin/eye burns require immediate treatment

###### Special Treatment:

No additional information.

###### Notes for the Doctor:

Treat symptomatically

#### SECTION 5: Firefighting Measures

##### Extinguishing Media

###### Suitable Extinguishing Media:

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam

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#### Unsuitable Extinguishing Media:

Do not use water jet

#### Specific Hazards Arising From The Chemical:

Highly flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation

#### Special Protective Equipment and Precautions for Fire-Fighters

##### Special Protective Equipment:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode

##### Special precautions

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so

### SECTION 6: Accidental Release Measures

#### Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling

#### Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided

#### Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13)

### SECTION 7: Handling and Storage

#### Precautions for Safe Handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

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#### Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10). Recommended Storage Temperature: 10 - 27°C (50 - 80°F)

### SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

#### Occupational Exposure Limit Values:

| Country (Legal Basis)     | Substance                  | Identifier | Permissible concentration                                  |
|---------------------------|----------------------------|------------|------------------------------------------------------------|
| ACGIH                     | Hexamethylene diisocyanate | 822-06-0   | 8-Hour TWA: 0.005 ppm                                      |
|                           | Acetone                    | 67-64-1    | 8-Hour TWA: 250 ppm                                        |
|                           | Acetone                    | 67-64-1    | 15-Minute STEL: 500 ppm                                    |
| NIOSH                     | Hexamethylene diisocyanate | 822-06-0   | Ceiling Limit: 0.14 mg/m <sup>3</sup> (0.02 ppm [10-min])  |
|                           | Hexamethylene diisocyanate | 822-06-0   | REL-TWA: 0.035 mg/m <sup>3</sup> (0.005 ppm [up to 10 hr]) |
|                           | Acetone                    | 67-64-1    | REL-TWA: 590 mg/m <sup>3</sup> (250 ppm [up to 10-hr])     |
|                           | Acetone                    | 67-64-1    | IDLH: 2500 ppm                                             |
| United States(California) | Hexamethylene diisocyanate | 822-06-0   | 8-Hour TWA-PEL: 0.034 mg/m <sup>3</sup> (0.005 ppm)        |
|                           | Acetone                    | 67-64-1    | 8-Hour TWA-PEL: 1200 mg/m <sup>3</sup> (500 ppm)           |
|                           | Acetone                    | 67-64-1    | Ceiling Limit: 3000 ppm                                    |
|                           | Acetone                    | 67-64-1    | 15-Minute STEL: 1780 mg/m <sup>3</sup> (750 ppm)           |
| OSHA                      | Acetone                    | 67-64-1    | 8-Hour TWA-PEL: 2400 mg/m <sup>3</sup> (1000 ppm)          |

#### Biological Limit Values:

| Country (Legal Basis) | Substance                  | Identifier | Determinant                            | Specimen            | Sampling time | Permissible limits |
|-----------------------|----------------------------|------------|----------------------------------------|---------------------|---------------|--------------------|
| ACGIH                 | Hexamethylene diisocyanate | 822-06-0   | Hexamethylenediamine (with hydrolysis) | Creatinine in urine | End of shift  | 15 µg/g            |
|                       | Acetone                    | 67-64-1    | Acetone                                | Urine               | End of shift  | 25 mg/L            |

#### Information on Monitoring Procedures:

Not determined or not applicable.

#### Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

#### Individual Protection Measures, Such as Personal Protective Equipment

##### Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

##### Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to

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remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

#### Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

#### General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

## SECTION 9: Physical and Chemical Properties

### Information on Basic Physical and Chemical Properties

|                                            |                                                                                                         |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Physical state                             | Liquid                                                                                                  |
| Color                                      | Light Yellow                                                                                            |
| Odor (includes odor threshold)             | Pungent                                                                                                 |
| Melting point/freezing point               | Not determined or not available.                                                                        |
| Initial boiling point/range                | Not available for mixture. Contains acetone (CAS 67-64-1), boiling point: 56°C (133°F).                 |
| Flammability                               | Not determined or not available.                                                                        |
| Upper flammability/explosive limit         | Not determined or not available.                                                                        |
| Lower flammability/explosive limit         | Not determined or not available.                                                                        |
| Flash point                                | Not available for mixture. Contains flammable solvent acetone (CAS 67-64-1), flash point: -20°C (-4°F). |
| Auto-ignition temperature                  | Not determined or not available.                                                                        |
| Decomposition temperature                  | Not determined or not available.                                                                        |
| pH                                         | Not determined or not available.                                                                        |
| Kinematic viscosity                        | Not determined or not available.                                                                        |
| Solubilities                               |                                                                                                         |
| Partition coefficient (n-octanol/water)    | Not determined or not available.                                                                        |
| Vapor pressure (includes evaporation rate) | Not determined or not available.                                                                        |
| Density and/or relative density            | Not determined or not available.                                                                        |
| Relative vapor density                     | Not determined or not available.                                                                        |
| Particle characteristics                   | Not determined or not available.                                                                        |

#### Other Information

No additional information.

## SECTION 10: Stability and Reactivity

#### Reactivity:

Isocyanate is insoluble in and heavier than water, sinks to the bottom, but reacts slowly at the interface. A solid water-insoluble layer of polyurea is formed at the interface accompanied by carbon dioxide release. This can lead to container bursting, if tightly closed. There is a risk of exothermic reaction with materials containing active hydrogen groups. The reaction becomes progressively more vigorous and

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can be violent at higher temperatures if the miscibility of the reaction partners is good or is supported by stirring or by the presence of solvents. Vapors may form explosive mixture with air. Contact with certain rubbers and plastics can cause brittleness of the product with subsequent loss in strength. Hazardous Polymerization: Contact with moisture, alcohols, amines, bases and acids or temperatures above 350°F (177°C).

#### Chemical Stability:

Stable under recommended handling and storage conditions.

Product is hygroscopic; contamination with moisture will negatively affect product performance. Avoid unintended contact with incompatible chemicals; the reaction will generate heat.

#### Possibility of hazardous reactions, including those associated with foreseeable emergencies:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

#### Conditions to Avoid:

Unintentional contact with moisture, excessive heat, open flame and sparks, pressure and mist formation.

#### Incompatible Materials:

Strong oxidizing and reducing agents. Water, alcohols, amines, ammonia, bases, acids, nitrates, hydrogen peroxide, chlorine compounds, copper, aluminum and zinc alloys. This material may attack some forms of plastics, rubbers and coatings.

#### Hazardous Decomposition Products:

Dependent upon temperature, air supply and presence of other materials. Can include, but are not limited to carbon and nitrogen oxides, nitric acid, ammonia, amines, nitrosamines, formaldehyde, hydrogen cyanide, lower molecular weight organic molecules. Creates dense black smoke when burned without sufficient oxygen.

## SECTION 11: Toxicological Information

### Acute Toxicity

#### Assessment:

Harmful if swallowed.

Harmful if inhaled.

**Product Data:** No data available.

#### Substance Data:

| Name                                                             | Route          | Result                              |
|------------------------------------------------------------------|----------------|-------------------------------------|
| Hexamethylene diisocyanate, oligomers                            | dermal         | LD50 Rabbit: > 2000 mg/kg           |
|                                                                  | Inhalation ATE | LC50 Rat: 11 mg/L (4hr [vapour])    |
| Blocked Polyisocyanate Based on Hexamethylene Diisocyanate (HDI) | inhalation     | LC50 Rat: 11 mg/L (4 hr [vapor])    |
| Hexamethylene diisocyanate                                       | oral           | LD50 Rat: 959 mg/kg                 |
|                                                                  | inhalation     | LC50 Rat: 0.124 mg/L (4 hr [Vapor]) |
|                                                                  | dermal         | LD50 Rat: >7000 mg/kg               |
| Acetone                                                          | oral           | LD50 Rat: 5800 mg/kg                |
|                                                                  | inhalation     | LC50 Rat: 76 mg/L (4 hr [Vapor])    |
|                                                                  | dermal         | LD50 Rabbit: > 7426 mg/kg           |

### Skin Corrosion/Irritation

**Assessment:** Based on available data, the classification criteria are not met.

#### Product Data:

No data available.

#### Substance Data:

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| Name                       | Result                  |
|----------------------------|-------------------------|
| Hexamethylene diisocyanate | Causes skin irritation. |

#### Serious Eye Damage/Irritation

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:**

| Name                       | Result                         |
|----------------------------|--------------------------------|
| Hexamethylene diisocyanate | Causes serious eye irritation. |
| Acetone                    | Causes serious eye irritation. |

#### Respiratory or Skin Sensitization

**Assessment:**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

**Product Data:**

No data available.

**Substance Data:**

| Name                                                             | Result                                                                     |
|------------------------------------------------------------------|----------------------------------------------------------------------------|
| Hexamethylene diisocyanate, oligomers                            | May cause an allergic skin reaction.                                       |
| Blocked Polyisocyanate Based on Hexamethylene Diisocyanate (HDI) | May cause an allergic skin reaction.                                       |
| Hexamethylene diisocyanate                                       | May cause an allergic skin reaction.                                       |
|                                                                  | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |

#### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

**Substance Data:** No data available.

#### International Agency for Research on Cancer (IARC):

| Name                                                             | Classification |
|------------------------------------------------------------------|----------------|
| Hexamethylene diisocyanate, oligomers                            | Not Applicable |
| Blocked Polyisocyanate Based on Hexamethylene Diisocyanate (HDI) | Not Applicable |
| Hexamethylene diisocyanate                                       | Not Applicable |
| Acetone                                                          | Not Applicable |

#### National Toxicology Program (NTP):

| Name                                                             | Classification |
|------------------------------------------------------------------|----------------|
| Hexamethylene diisocyanate, oligomers                            | Not Applicable |
| Blocked Polyisocyanate Based on Hexamethylene Diisocyanate (HDI) | Not Applicable |

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| Name                       | Classification |
|----------------------------|----------------|
| Hexamethylene diisocyanate | Not Applicable |
| Acetone                    | Not Applicable |

**OSHA Carcinogens:** Not applicable

#### Germ Cell Mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

#### Reproductive Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

#### Specific Target Organ Toxicity (Single Exposure)

**Assessment:**

May cause respiratory irritation.

**Product Data:**

No data available.

**Substance Data:**

| Name                                                             | Result                             |
|------------------------------------------------------------------|------------------------------------|
| Hexamethylene diisocyanate, oligomers                            | May cause respiratory irritation.  |
| Blocked Polyisocyanate Based on Hexamethylene Diisocyanate (HDI) | May cause respiratory irritation.  |
| Hexamethylene diisocyanate                                       | May cause respiratory irritation.  |
| Acetone                                                          | May cause drowsiness or dizziness. |

#### Specific Target Organ Toxicity (Repeated Exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

#### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

#### Information on Likely Routes of Exposure:

No data available.

#### Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

**Interactive effects:**

No additional information.

**Other Information:**

No additional information.

### SECTION 12: Ecological Information

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#### Ecotoxicity

##### Acute (Short-Term) Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

##### Substance Data:

| Name                       | Result                                                                                   |
|----------------------------|------------------------------------------------------------------------------------------|
| Hexamethylene diisocyanate | Fish LC50 Danio rerio: >82.8 mg/L (96 hr)                                                |
|                            | Aquatic Invertebrates EC50 Daphnia magna: >89.1 mg/L (48 hr [mobility])                  |
|                            | Aquatic Plants EC50 Desmodemus subspicatus: >77.4 mg/L (72 hr [growth rate and biomass]) |
| Acetone                    | Fish LC50 Pimephales promelas: 8210 mg/L (96 hr)                                         |
|                            | Aquatic Invertebrates LC50 Daphnia pulex: 8800 mg/L (48 hr)                              |

##### Chronic (Long-Term) Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

##### Substance Data:

| Name    | Result                                                                           |
|---------|----------------------------------------------------------------------------------|
| Acetone | Aquatic Invertebrates NOEC Daphnia magna: >1106 - < 2212 mg/L (28 d [mortality]) |

#### Persistence and Degradability

**Product Data:** No data available.

##### Substance Data:

| Name                       | Result                                                                                                           |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| Hexamethylene diisocyanate | The substance is not readily biodegradable. 42% degradation in water, measured by O2 consumption, after 28 days. |
| Acetone                    | The substance is readily biodegradable. 90.9% degradation, measured by CO2 evolution, after 28 days.             |

#### Bioaccumulative Potential

**Product Data:** No data available.

##### Substance Data:

| Name                       | Result                                                                           |
|----------------------------|----------------------------------------------------------------------------------|
| Hexamethylene diisocyanate | The substance is not expected to bioaccumulate (BCF: 59.6, QSAR substance data). |
| Acetone                    | Bioaccumulation is not expected. Calculated BCF (aquatic species): 3             |

#### Mobility in Soil

**Product Data:** No data available.

##### Substance Data:

| Name                       | Result                                                                                                                                     |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Hexamethylene diisocyanate | The substance is slightly mobile, therefore, adsorption to soil and sediment is expected ( log Koc: > 598 - < 4 818, QSAR substance data). |
| Acetone                    | The substance is mobile in soil with very low potential for adsorption to soil and sediment. Soil sorption Kd: 1.5 L/kg, at 20 °C          |

#### Results of PBT and vPvB assessment

##### Product Data:

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

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### Substance Data:

#### PBT assessment:

|                            |                           |
|----------------------------|---------------------------|
| Hexamethylene diisocyanate | The substance is not PBT. |
| Acetone                    | The substance is not PBT. |

#### vPvB assessment:

|                            |                            |
|----------------------------|----------------------------|
| Hexamethylene diisocyanate | The substance is not vPvB. |
| Acetone                    | The substance is not vPvB. |

**Other Adverse Effects:** No additional information.

## SECTION 13: Disposal Considerations

### Disposal Methods:

Do not discharge into drains, surface water, or soil. Dispose of contents and container in accordance with local, regional, and national regulations. Incineration or disposal through an approved chemical waste facility is recommended. Prevent release to the environment. RCRA Hazardous Waste Code: 2 Unused product, if discarded, may meet the criteria for D001 (Ignitable Waste). Waste characterization is the responsibility of the waste generator.

### Contaminated packaging:

Even after emptying, container may retain residues. Containers should be completely emptied and safely stored until appropriately reconditioned or disposed through licensed contractor in accordance with government regulation. This material and its container must be disposed of in a safe way.

## SECTION 14: Transport Information

### United States Transportation of Dangerous Goods (49 CFR DOT)

|                               |                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------|
| UN Number                     | UN1263                                                                                  |
| UN Proper Shipping Name       | PAINT RELATED MATERIAL                                                                  |
| UN Transport Hazard Class(es) | 3  |
| Packing Group                 | II                                                                                      |
| Environmental Hazards         | None                                                                                    |
| Special Precautions for User  | None                                                                                    |

### International Maritime Dangerous Goods (IMDG)

|                               |                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------|
| UN Number                     | UN1263                                                                                  |
| UN Proper Shipping Name       | PAINT RELATED MATERIAL                                                                  |
| UN Transport Hazard Class(es) | 3  |
| Packing Group                 | II                                                                                      |
| Environmental Hazards         | None                                                                                    |
| Special Precautions for User  | None                                                                                    |

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

|                         |                        |
|-------------------------|------------------------|
| UN Number               | UN1263                 |
| UN Proper Shipping Name | PAINT RELATED MATERIAL |

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|                               |      |                                                                                     |
|-------------------------------|------|-------------------------------------------------------------------------------------|
| UN Transport Hazard Class(es) | 3    |  |
| Packing Group                 | II   |                                                                                     |
| Environmental Hazards         | None |                                                                                     |
| Special Precautions for User  | None |                                                                                     |

#### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

|                    |                |
|--------------------|----------------|
| Bulk Name          | Not Applicable |
| Ship Type          | Not Applicable |
| Pollution Category | Not Applicable |

### SECTION 15: Regulatory Information

#### United States Regulations

**Inventory Listing (TSCA):** All ingredients are listed-active or exempt.

**Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.

**Export Notification under TSCA Section 12(b):** None of the ingredients are listed.

**SARA Section 302 Extremely Hazardous Substances:** None of the ingredients are listed.

**SARA Section 313 Toxic Chemicals:**

|          |                            |        |
|----------|----------------------------|--------|
| 822-06-0 | Hexamethylene diisocyanate | Listed |
|----------|----------------------------|--------|

**CERCLA:**

|          |                            |        |         |
|----------|----------------------------|--------|---------|
| 822-06-0 | Hexamethylene diisocyanate | Listed | 100 lbs |
| 67-64-1  | Acetone                    | Listed | 5000 lb |

**RCRA:**

|         |         |        |      |
|---------|---------|--------|------|
| 67-64-1 | Acetone | Listed | U002 |
|---------|---------|--------|------|

**Section 112(r) of the Clean Air Act (CAA):**

|          |                            |        |
|----------|----------------------------|--------|
| 822-06-0 | Hexamethylene diisocyanate | Listed |
|----------|----------------------------|--------|

**Massachusetts Right to Know:**

|          |                            |        |
|----------|----------------------------|--------|
| 822-06-0 | Hexamethylene diisocyanate | Listed |
| 67-64-1  | Acetone                    | Listed |

**New Jersey Right to Know:**

|          |                            |        |
|----------|----------------------------|--------|
| 822-06-0 | Hexamethylene diisocyanate | Listed |
| 67-64-1  | Acetone                    | Listed |

**New York Right to Know:**

|             |                                                                  |        |
|-------------|------------------------------------------------------------------|--------|
| 666723-27-9 | Blocked Polyisocyanate Based on Hexamethylene Diisocyanate (HDI) | Listed |
| 822-06-0    | Hexamethylene diisocyanate                                       | Listed |
| 67-64-1     | Acetone                                                          | Listed |

**Pennsylvania Right to Know:**

|         |         |        |
|---------|---------|--------|
| 67-64-1 | Acetone | Listed |
|---------|---------|--------|

**California Proposition 65:** None of the ingredients are listed.

**Additional information:** No additional information.

### SECTION 16: Other Information

**Disclaimer:**

## Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 07.22.2013

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### RhinoSeal WB Urethane Hardener

The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Rhino Linings Corporation makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof. SECTION 2 Disclaimer (Workplace Hazard Classification): Hazard classifications presented in Section 2 are developed in accordance with applicable hazard communication regulations and are intended to communicate workplace health, physical, and environmental hazards associated with handling and use of the product. Transportation classifications presented in Section 14 are assigned in accordance with applicable dangerous goods transport regulations and are based on separate classification criteria. Consequently, hazard classifications shown in Section 2 may not directly correspond to transportation classifications shown in Section 14. Sections 11/12 Disclaimer (Toxicity/Ecotoxicity): This product itself has not been tested. Information given is based on data on the components and the toxicology of similar products. SECTION 14 (Transport Information): Information provided in Section 14 is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Transportation classifications are assigned to the product as supplied and are based on the properties of the finished formulation. The transport classifications of individual raw materials or ingredients do not necessarily apply to the finished product.

**NFPA:** 2-3-1

**HMIS:** 2\*-3-1-X

**Initial Preparation Date:** 07.22.2013

**Revision date:** 08.17.2026

#### Revision Notes:

| Revision Date | Notes                                                        |
|---------------|--------------------------------------------------------------|
| 2013-07-22    |                                                              |
| 2016-02-18    | Internal Review                                              |
| 2026-08-17    | Product Name Change (formerly AU-B)                          |
| 2026-08-17    | Internal Review Against Raw Material SDS - Composition Edits |

**End of Safety Data Sheet**