



Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 09.29.2011

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Revision date: 08.18.2026

RhinoSeal WB Urethane Gloss - Part A

SECTION 1: Identification

Product Identifier

Product Name: RhinoSeal WB Urethane Gloss - Part A

Product code: RF300-WBUG-A

Recommended Use of the Chemical and Restrictions on Use:

Recommended Uses: FLOORING COATINGS SYSTEM (WATERBASED) - Resin 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:

Skin sensitization, category 1

Label elements

Hazard Symbol(s):



Signal Word: Warning

Hazard statement(s):

H317 May cause an allergic skin reaction

Precautionary Statement(s):

P261 Avoid breathing dust, fumes, gas, mist, vapours or spray.

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

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

P302+P352 IF ON SKIN: Wash with plenty of water/soap.

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

P362+P364 Take off contaminated clothing and wash it before reuse.

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

P405 Store locked up.

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

Hazards Not Otherwise Classified: None

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SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: Proprietary	Acrylic Polymer	25-45
CAS Number: 716336-43-5	Hexanedioic acid, polymer with 2-oxiranylmethyl neodecanoate	25-45
CAS Number: 102-71-6	2,2',2''-Nitrilotriethanol	1-5
CAS Number: 34590-94-8	(2-Methoxymethylethoxy)propanol	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.

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 experiencing respiratory symptoms, 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:

Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time)

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

Immediate Medical Attention:

No additional information.

Special Treatment:

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No additional information.

Notes for the Doctor:

Treat symptomatically

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam

Unsuitable Extinguishing Media:

Do not use water jet

Specific Hazards Arising From The Chemical:

Thermal decomposition may produce irritating/toxic fumes/gases

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

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. 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. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13)

SECTION 7: Handling and Storage

Precautions for Safe Handling:

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.

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: 10-35°C (50-95°F)

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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	2,2',2''-Nitrilotriethanol	102-71-6	8-Hour TWA: 5 mg/m ³
	(2-Methoxymethylethoxy)propanol	34590-94-8	TLV-TWA: 50 ppm (8 hr)
United States(California)	2,2',2''-Nitrilotriethanol	102-71-6	PEL: 5 mg/m ³
	(2-Methoxymethylethoxy)propanol	34590-94-8	15-Minute STEL: 900 mg/m ³ ([150 ppm])
	(2-Methoxymethylethoxy)propanol	34590-94-8	8-Hour TWA-PEL: 600 mg/m ³ ([100 ppm])
OSHA	(2-Methoxymethylethoxy)propanol	34590-94-8	TWA: 600 mg/m ³ ([100 ppm])
	(2-Methoxymethylethoxy)propanol	34590-94-8	STEL: 900 mg/m ³ ([150 ppm])
NIOSH	(2-Methoxymethylethoxy)propanol	34590-94-8	IDLH: 600 ppm
	(2-Methoxymethylethoxy)propanol	34590-94-8	STEL: 900 mg/m ³ ([150 ppm])
	(2-Methoxymethylethoxy)propanol	34590-94-8	REL-TWA: 600 mg/m ³ (100 ppm [up to 10 hr])

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

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 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

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Physical state	Liquid
Color	White to Milky White
Odor (includes odor threshold)	Mild
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flammability	Based on composition, the product is not expected to sustain combustion as supplied.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Flash point	Not Determined.
Auto-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
pH	7-8 Estimated
Kinematic viscosity	Not determined or not available.
Solubilities	Miscible
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	1.05 - 1.07
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:

Not reactive under recommended handling and storage conditions.

Product will not undergo hazardous polymerization. Corrosive effects to metal are not anticipated. Based on its structural properties the product is not classified as oxidizing. Does not form flammable gases in the presence of water.

Chemical Stability:

Stable under recommended handling and storage conditions.

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:

Excessive heat, open flame and sparks, mist formation.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In fire conditions, depending on temperature, air supply and presence of other materials, decomposition products can include, but are not limited to carbon and nitrogen oxides, amines, hydrogen cyanide, formaldehyde, peroxides, lower molecular weight organic molecules.

SECTION 11: Toxicological Information

Acute Toxicity

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

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Product Data: No data available.

Substance Data:

Name	Route	Result
2,2',2''-Nitrilotriethanol	oral	LD50 Rat: 6400 mg/kg
	dermal	LD50 Rabbit: >2000 mg/kg
(2-Methoxymethylethoxy)propanol	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rabbit: 9510 mg/kg

Skin Corrosion/Irritation

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

Product Data:

No data available.

Substance Data: No data available.

Serious Eye Damage/Irritation

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

Product Data:

No data available.

Substance Data: No data available.

Respiratory or Skin Sensitization

Assessment:

May cause an allergic skin reaction.

Product Data:

Assessment: May cause an allergic skin reaction. Classification is based on supplier hazard information for a constituent present in the formulation. No finished product sensitization testing data are available.

Substance Data: No data available.

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
Hexanedioic acid, polymer with 2-oxiranylmethyl neodecanoate	Not Applicable
2,2',2''-Nitrilotriethanol	Group 3
(2-Methoxymethylethoxy)propanol	Not Applicable

National Toxicology Program (NTP):

Name	Classification
Hexanedioic acid, polymer with 2-oxiranylmethyl neodecanoate	Not Applicable
2,2',2''-Nitrilotriethanol	Not Applicable

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Name	Classification
(2-Methoxymethylethoxy)propanol	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: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

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

Ecotoxicity

Acute (Short-Term) Toxicity

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

Product Data: No data available.

Substance Data:

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Name	Result
2,2',2''-Nitrilotriethanol	Fish LC50 Pimephales promelas: 11,800 mg/L (96 hr)
	Aquatic Invertebrates EC50 Ceriodaphnia dubia: 609.88 mg/L (48 hr [mortality])
	Aquatic Plants EC50 Desmodesmus subspicatus: 216 mg/L (72 hr [growth rate])
(2-Methoxymethylethoxy)propanol	Aquatic Plants EC50 Freshwater green algae: > 969 mg/L (72 hr [biomass])
	Fish LC50 Poecilia reticulata: >1000 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 1919 mg/L (48 hr [mortality])

Chronic (Long-Term) Toxicity

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

Product Data: No data available.

Substance Data:

Name	Result
2,2',2''-Nitrilotriethanol	Aquatic Invertebrates NOEC Daphnia magna: 16 mg/L (21 d [mortality])
(2-Methoxymethylethoxy)propanol	Aquatic Invertebrates NOEC Daphnia magna: ≥0.5 mg/L (22 d [reproduction])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
2,2',2''-Nitrilotriethanol	The substance is readily biodegradable. 100% degradation in water, measured by CO2 evolution, after 5 days.
(2-Methoxymethylethoxy)propanol	The substance is readily biodegradable. 96% degradation in water, measured by DOC removal, after 28 days.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
2,2',2''-Nitrilotriethanol	The substance is not expected to bioaccumulate (BCF= < 3.9 L/kg).
(2-Methoxymethylethoxy)propanol	The substance is not expected to bioaccumulate (Log Kow: <1).

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
2,2',2''-Nitrilotriethanol	The substance is slightly mobile, therefore, slight adsorption to soil is expected (log Koc: 3.65 dimensionless at 25 °C).
(2-Methoxymethylethoxy)propanol	The substance is highly mobile, therefore, adsorption to soil and sediment is not expected (Log Koc < 1).

Results of PBT and vPvB assessment

Product Data:

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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.

Substance Data:

PBT assessment:

2,2',2''-Nitrilotriethanol	The substance is not PBT.
(2-Methoxymethylethoxy)propanol	The substance is not PBT.

vPvB assessment:

2,2',2''-Nitrilotriethanol	The substance is not vPvB.
(2-Methoxymethylethoxy)propanol	The substance is not vPvB.

Other Adverse Effects: No additional information.

SECTION 13: Disposal Considerations

Disposal Methods:

The generation of waste should be avoided or minimized wherever possible. If product becomes a waste, it does not meet criteria of hazardous waste as defined in 40 CFR 261, Subpart C and D. Do not discharge into sewer system. Spill cleanup residues may still be subject to RCRA storage and disposal requirements. Dispose waste in compliance with local, state and federal regulations via licensed waste disposal contractor.

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	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

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

UN Number	Not regulated
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UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
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):

716336-43-5	Hexanedioic acid, polymer with 2-oxiranylmethyl neodecanoate	Not Listed
102-71-6	2,2',2''-Nitrilotriethanol	Listed - Active
34590-94-8	(2-Methoxymethylethoxy)propanol	Listed - Active

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: None of the ingredients are listed.

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

102-71-6	2,2',2''-Nitrilotriethanol	Listed
34590-94-8	(2-Methoxymethylethoxy)propanol	Listed

New Jersey Right to Know:

102-71-6	2,2',2''-Nitrilotriethanol	Listed
34590-94-8	(2-Methoxymethylethoxy)propanol	Listed

New York Right to Know:

34590-94-8	(2-Methoxymethylethoxy)propanol	Listed
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Pennsylvania Right to Know:

102-71-6	2,2',2''-Nitrilotriethanol	Listed
34590-94-8	(2-Methoxymethylethoxy)propanol	Listed

California Proposition 65: None of the ingredients are listed.

Additional information: No additional information.

SECTION 16: Other Information

Disclaimer:

The data set forth in this sheet are based on information provided by the suppliers of the raw materials

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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: 1-0-0

HMIS: 1-0-0-X

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Revision Notes:

Revision Date	Notes
2011-09-29	
2016-02-05	Internal Review
2020-02-05	Internal Review / Product Name Change (formerly WBU-A)
2021-03-08	Internal Review
2026-08-18	Internal Review

End of Safety Data Sheet