Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 12.02.2012

Revision date: 11.20.2025

Rhino Hybrid HP 11-50 Resin Black

SECTION 1: Identification

Product Identifier

Product Name: Rhino Hybrid HP 11-50 Resin Black

Product code: 60251

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: POLYUREA/POLYURETHANE SPRAY ELASTOMER SYSTEM - Resin Component

Uses Advised Against: Not determined or not applicable.

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

United States

Rhino Linings Corporation
1001 Ed Rutherford Road
Greenville, TX 75402
858-450-0441
www.rhinolinings.com

Emergency Telephone Number:

North America

CHEMTREC
800-424-9300 (24/7)

SECTION 2: Hazard(s) Identification

GHS Classification:

Acute toxicity (oral), category 4
Acute toxicity (dermal), category 4
Eye irritation, category 2A
Skin sensitization, category 1
Specific target organ toxicity - repeated exposure, category 2
Acute aquatic hazard, category 3
Chronic aquatic hazard, category 3

Label elements

Hazard Pictograms:

Signal Word: Warning

Hazard statements:

H302 Harmful if swallowed

H312 Harmful in contact with skin
H319 Causes serious eye irritation
H317 May cause an allergic skin reaction
H373 May cause damage to organs through prolonged or repeated exposure.
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects

Precautionary Statements:

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P264 Wash any exposed skin thoroughly for 20 minutes after handling.
P260 Do not breathe dust, fumes, gas, mist, vapors or spray.
P270 Do not eat, drink or smoke when using this product
P272 Contaminated work clothing must not be allowed out of the workplace
P280 Wear protective gloves, protective clothing, eye protection and face protection.
P273 Avoid release to the environment
P301+P312 IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell.
P330 Rinse mouth
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).
P361+P364 Take off immediately all contaminated clothing and wash it before reuse
P333+P313 If skin irritation or rash occurs: Get medical advice or attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice or attention.
P314 Get medical advice or attention if you feel unwell.
P405 Store locked up
P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

Hazards Not Otherwise Classified:

This product contains Diethyltoluenediamine (DETDA). This may cause methemoglobin formation resulting in a reduced ability of the blood to carry oxygen; a symptom may include cyanosis. Immediately give oxygen if victim turns blue (lips, ears, fingernails). Since reversion of methemoglobin to hemoglobin occurs spontaneously after termination of exposure, moderate degrees of cyanosis need to be treated only by supportive measures.

This product contains BOUNDED CARBON BLACK which could be a potential carcinogenic hazard if caused to become airborne due to grinding, sanding or other abrasive processes.

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: Proprietary	Polyester Polyol	75-85
CAS Number: 68479-98-1	Diethylmethylbenzenediamine	5-15
CAS Number: 37625-56-2	ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	5-15

CAS Number: 1318-02-1	Zeolites	5-10
CAS Number: 136210-30-5	Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	1-5
CAS Number: 1333-86-4	Bound Carbon Black	1-3
CAS Number: 70969-70-9	2-ethylhexyl 3,5,5-trimethylhexanoate	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 First Aid 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 gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

After Swallowing:

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:

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

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.

Delayed Symptoms and Effects:

May cause damage to organs through prolonged or repeated exposure. Effects are dependent on exposure (dose, concentration, contact time).

Symptoms of exposure may be delayed.

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

Immediate Medical Attention and Special Treatment

Specific Treatment:

Not determined or not applicable.

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 During Fire-Fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

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).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal 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). Storage temperature: 16 – 32°C (60 - 90°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	Zeolites	1318-02-1	8-Hour TWA: 1 mg/m³ (Aluminum metal and insoluble compounds, respirable fraction)
	Bound Carbon Black	1333-86-4	8-Hour TWA: 3 mg/m³ (inhalable particulate matter)
NIOSH	Bound Carbon Black	1333-86-4	IDLH: 1750 mg/m³
	Bound Carbon Black	1333-86-4	REL-TWA: 0.1 mg/m³ (in the presence of polycyclic aromatic hydrocarbons [up to 10 hr])
	Bound Carbon Black	1333-86-4	REL-TWA: 3.5 mg/m³ (up to 10 hr)
OSHA	Bound Carbon Black	1333-86-4	8-Hour TWA-PEL: 3.5 mg/m³
United States(California)	Bound Carbon Black	1333-86-4	8-Hour TWA-PEL: 3.5 mg/m³

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).

Personal Protection 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

Appearance	Black Liquid
Odor	Faint
Odor threshold	Not determined or not available.
pH	8-10
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	˃200°C (>392°F)
Flash point (closed cup)	˃200°C (>392°F)
Evaporation rate	Negligible
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	1.00-1.05 @ 25°C (77°F)
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	˃250°C (>482°F)
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

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

Conditions to Avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible Materials:
Strong oxidizing agents.

Hazardous Decomposition Products:
Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment:
Harmful if swallowed.
Harmful in contact with skin.

Product Data: No data available.

Substance Data:

Name	Route	Result
Diethylmethylbenzenediamine	oral	LD50 Rat: 738 mg/kg
	Dermal ATE	LD50 Rabbit: 1100 mg/kg
	inhalation	LC50 Rat: > 0.6125 mg/L (4 hr [aerosol])
Zeolites	inhalation	LC50 Rat: >3.35 mg/L (4 hr [dust])
	oral	LD50 Rat: >5110 mg/kg
	dermal	LD50 Rabbit: >2000 mg/kg
Bound Carbon Black	oral	LD50 Rat: > 2000 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
	inhalation	LC50 Rat: >= 4.6 mg/L (4 hr [dust])
Polyester Polyol	oral	LD50 Rat: >10,000 mg/kg
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	oral	LD50 Rat: >2000 mg/kg
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	oral	LD50 Rat: >2000 mg/kg ([Read-across substance data])
	dermal	LD50 Rat: >2000 mg/kg ([Read-across substance data])
	inhalation	LC50 Rat: >4224 mg/m³ (4 hr [aerosol, Read-across substance data])
2-ethylhexyl 3,5,5-trimethylhexanoate	oral	LD50 Rat: ≥5000 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:
Causes serious eye irritation.

Product Data:
No data available.

Substance Data:

Name	Result

Name	Result
Diethylmethylbenzenediamine	Causes serious eye irritation

Respiratory or Skin Sensitization

Assessment:

May cause an allergic skin reaction.

Product Data:

No data available.

Substance Data:

Name	Result
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	May cause an allergic skin reaction.

Carcinogenicity

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

Product Data: No data available.

Substance Data:

Name	Species	Result
Bound Carbon Black	Not applicable.	The carcinogenic classification only applies to airborne, unbound particles of respirable size.

International Agency for Research on Cancer (IARC):

Name	Classification
Zeolites	Group 3
Bound Carbon Black	Group 2B
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Not Applicable
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Not Applicable
2-ethylhexyl 3,5,5-trimethylhexanoate	Not Applicable
Diethylmethylbenzenediamine	Not Applicable

National Toxicology Program (NTP):

Name	Classification
Zeolites	Not Applicable
Bound Carbon Black	Not Applicable
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Not Applicable
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Not Applicable
2-ethylhexyl 3,5,5-trimethylhexanoate	Not Applicable

Name	Classification
Diethylmethylbenzenediamine	Not Applicable

OSHA Carcinogens:

Ingredient Name	CAS	OSHA Carcinogens Status
Bound Carbon Black	1333-86-4	Yes

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:

May cause damage to organs through prolonged or repeated exposure.

Product Data:

No data available.

Substance Data:

Name	Result
Diethylmethylbenzenediamine	May causes damage to organs through prolonged or repeated exposure.
2-ethylhexyl 3,5,5-trimethylhexanoate	May cause damage to organs (adrenal glands) through prolonged or repeated oral exposure.

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.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment:

Harmful to aquatic life.

Product Data: No data available.

Substance Data:

Name	Result
Diethylmethylbenzenediamine	Fish LC50 Pimephales promelas: >106 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: >0.3 mg/L (48 hr [mobility])
	Aquatic Plants ErC50 Algae: 104 mg/L (72 hr [growth rate])
Bound Carbon Black	Fish LC50 Danio rerio: > 1000 mg/L (96 hr)
	Aquatic Plants EC50 Raphidocelis subcapitata: > 100 mg/L (72 hr [growth rate and cell number])
	Aquatic Invertebrates EC50 Daphnia magna: >100 mg/L (48 hr [immobilisation and toxicity])
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Fish LC50 Danio rerio: 150 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 0.6 mg/L (48 hr [mobility])
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Aquatic Plants EC50 Desmodesmus subspicatus: >1.319 mg/L (48 hr [growth rate and yield, Read-across substance data])
	Aquatic Invertebrates EC50 Daphnia magna: 88.6 mg/L (48 hr [mobility, Read-across substance data])
	Fish LC50 Danio rerio: 66 mg/L (96 hr [Read-across substance data])
2-ethylhexyl 3,5,5-trimethylhexanoate	Aquatic Plants EC50 Raphidocelis subcapitata: >100 mg/L (72 hr [growth rate and yield- No toxicity at the limit of solubility])
Zeolites	Aquatic Invertebrates EC50 Daphnia magna: > 1000 mg/L (48hr [mobility])
	Aquatic Plants EC50 Desmodesmus subspicatus: > 1000 mg/L (72hr [growth rate])

Chronic (Long-Term) Toxicity

Assessment:

Harmful to aquatic life with long lasting effects.

Product Data: No data available.

Substance Data:

Name	Result
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Aquatic Invertebrates NOEC Daphnia magna: > 0.12 mg/L (21 d [mortality, Read-across substance data])
	Aquatic Plants NOEC Desmodesmus subspicatus: 6.25 mg/L (72 hr [Read-across substance data; cell density])
2-ethylhexyl 3,5,5-trimethylhexanoate	Aquatic Invertebrates NOEC Daphnia magna: ≥ 0.0086 mg/L (21 d [mortality, reproduction and growth- No toxicity at the limit of solubility]])
Zeolites	Fish NOEC Pimephales promelas: >= 86.7 mg/L (30d)
	Aquatic Invertebrates NOEC Daphnia magna: 130.8 mg/L (21d [Reproduction])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Zeolites	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.

Name	Result
Bound Carbon Black	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Substance is readily biodegradable. 86% degradation in water, measured by CO2 evolution, after 28 days.
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	The substance is not readily biodegradable. 0% degradation in water, measured by O2 consumption, after 28 days.
2-ethylhexyl 3,5,5-trimethylhexanoate	The substance is inherently biodegradable. 59% degradation in water, measured by O2 consumption after 28 days.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Zeolites	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Bound Carbon Black	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Log Kow: 2.4; Low potential for bioaccumulation.
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	The study clearly shows that the test item has no significant potential for bioaccumulation. After a certain time, even very low levels of the accumulated test item are quickly eliminated.
2-ethylhexyl 3,5,5-trimethylhexanoate	The substance has the potential to bioaccumulate significantly (log Pow >= 7.14 - <= 7.19 at 25 °C).
Diethylmethylbenzenediamine	The substance is not expected to bioaccumulate (BCF: 3.78 L/kg wet wt, QSAR substance data).

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Zeolites	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Bound Carbon Black	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Log Kow: 2.4; Low potential for adsorption to solid soil phase.
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	The substance is hardly mobile to immobile, therefore, there is a significant potential for adsorption to soil and sediment (log Koc: >= 4.2 - <= 5.1).
2-ethylhexyl 3,5,5-trimethylhexanoate	The substance is slightly mobile, therefore, slight adsorption to the soil is expected (log Koc=3.88 dimensionless).
Diethylmethylbenzenediamine	The substance is mobile, therefore, there is low potential for adsorption to soil and sediment (log Koc: 1.645, QSAR substance data).

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.

Substance Data:

PBT assessment:

Diethylmethylbenzenediamine	The substance is not PBT.
Zeolites	PBT assessment does not apply to inorganic compounds such as this substance.
Bound Carbon Black	PBT assessment does not apply to inorganic compounds such as this substance.
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Substance is not PBT.
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	The substance is not PBT.
2-ethylhexyl 3,5,5-trimethylhexanoate	The substance is not PBT.

vPvB assessment:

Diethylmethylbenzenediamine	The substance is not vPvB.
Zeolites	vPvB assessment does not apply to inorganic compounds such as this substance.
Bound Carbon Black	vPvB assessment does not apply to inorganic compounds such as this substance.
ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Substance is not vPvB.
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	The substance is not vPvB.
2-ethylhexyl 3,5,5-trimethylhexanoate	The substance is not vPvB.

Other Adverse Effects: No data available.

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 packages:

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

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA):

1318-02-1	Zeolites	Not Listed
1333-86-4	Bound Carbon Black	Listed - Active
37625-56-2	ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Listed - Active
136210-30-5	Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Listed - Active
70969-70-9	2-ethylhexyl 3,5,5-trimethylhexanoate	Listed - Active
68479-98-1	Diethylmethylbenzenediamine	Listed - Active

Significant New Use Rule (TSCA Section 5):

1318-02-1	Zeolites	Not Listed
1333-86-4	Bound Carbon Black	Not Listed

37625-56-2	ε-Caprolactone, oligomeric reaction products with propylidynetrimethanol	Not Listed
136210-30-5	Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Not Listed
70969-70-9	2-ethylhexyl 3,5,5-trimethylhexanoate	Not Listed
68479-98-1	Diethylmethylbenzenediamine	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:

1333-86-4	Bound Carbon Black	Listed

New Jersey Right to Know:

1333-86-4	Bound Carbon Black	Listed

New York Right to Know: None of the ingredients are listed.
Pennsylvania Right to Know:

1333-86-4	Bound Carbon Black	Listed

California Proposition 65: None of the ingredients are listed.
Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None
Disclaimer:
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. 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.
NFPA: 2-1-0
HMIS: 2*-1-0
Initial Preparation Date: 12.02.2012
Revision date: 11.20.2025
Revision Notes:

Revision Date	Notes
2012-12-02	
2013-04-02	Internal Review
2014-04-30	Internal Review
2016-08-03	Internal Review

2019-03-14	Internal Review
2025-11-20	Internal Review

End of Safety Data Sheet