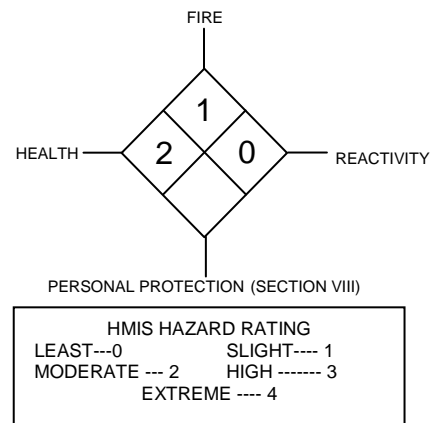


PRODUCT NAME: Rhino Hybrid™ HP 11-50 Resin Black**SECTION 1 - MANUFACTURER IDENTIFICATION****MANUFACTURER'S NAME:** Rhino Linings Corporation**ADDRESS:** 9151 Rehco Road, San Diego, CA, 92121**INFORMATION PHONE:** 858-450-0441**EMERGENCY CONTACT: (CHEMTREC): 800-424-9300****DATE:** December 15, 2011**SUPERCEDES:****SECTION 2 - COMPOSITION & INGREDIENTS**

<u>Weight %</u>	<u>Ingredients</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
1 to 25	Glycol	110-63-4	N/E	N/E
20 to 40	Glycerol/EO/PO polymer	9082-00-2	N/E	N/E
10 to 40	Polyoxypropylenediamine	9046-10-0	N/E	N/E
1 to 5	Diethyltoluenediamine	68479-98-1	N/E	N/E

*No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372.

SECTION 3 - Hazards Identification**EMERGENCY OVERVIEW:****Skin:** Causes chemical burns. Wash immediately with soap and water for minimum of 15 minutes. Seek medical attention.**Eyes:** Causes chemical burns. Flush immediately with water or eye wash solution for minimum of 15 minutes. Seek medical attention immediately.**Ingestion:** Harmful if swallowed. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.**Inhalation:** Remove to fresh air and seek medical attention if difficulty in breathing is present.**SECTION 4 - FIRST AID MEASURES****Skin Contact:** Seek medical attention immediately. Flush contaminated skin with plenty of water. Continue to rinse with large amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Chemical burns should be treated immediately by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.**Eye Contact:** Seek medical attention immediately. Immediately flush eyes with plenty of water for a minimum of 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove contact lenses. Chemical burns must be treated immediately by a physician. Continue flushing for an additional 15 minutes if medical attention is not immediately available.**Ingestion:** Seek medical attention immediately. Wash out mouth with plenty of water. Move exposed person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person.**Inhalation:** If difficulty in breathing occur after vapor has been inhaled, remove to fresh air and seek medical attention. Vapors can cause chemical burns to the throat.**Health Hazards: Acute:** Exposure may cause skin and eye irritation, respiratory tract irritation. Chemical burns may result due to overexposure. Affects of exposure may be delayed. **Chronic:** Repeated and prolonged exposure at low levels may result in adverse skin and eye effects, liver and kidney disorders.

PRODUCT NAME: Rhino Hybrid™ HP 11-50 Resin Black**SECTION 5 – FIRE FIGHTING MEASURES**

Flash Point: Closed Cup < 365 °F (185 °C)

Extinguishing Media: Dry chemical, alcohol foam, carbon dioxide.

Special Fire Fighting Protective Equipment: Wear NIOSH approved self contained breathing apparatus in positive pressure mode with full face piece. Boots, gloves (neoprene), goggles & full protective clothing are also required.

Unusual Fire and Explosion Hazards: Closed containers may rupture due to very high temperatures or induced pressure.

SECTION 6 – SPILLAGE, ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material is Released Or Spilled: Wear skin, eye, and respiratory protection during cleanup. Soak up material with absorbent and shovel into a chemical waste container. Cover container, but do not seal, and remove from work area. Residues from spill cleanup may continue to be regulated under provisions of RCRA and require storage and disposal as hazardous waste. For major spills, call CHEMTREC (Chemical Transportation Emergency Center) at 800-424-9300.

Disposal Method: Spill cleanup residues may still be subject to RCRA storage and disposal requirements. Dispose of in compliance with all relevant local, state, and federal laws and regulations regarding treatment.

SECTION 7 – HANDLING AND STORAGE

Precautions To Be Taken In Handling & Storing: Keep in cool, dry, ventilated storage area (70 to 90°F), in closed container and out of direct sunlight. Keep liquid away from heat, sparks and flame, store in container above ground and surrounded by dikes to contain spills or leaks. Excessive heat or pressure may ignite or detonate even liquid product in the absence of sparks or open flames. Keep containers closed when not in use. Containers, even those that have been emptied, may contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize to empty them.

Storage Precautions: Keep away from heat and sparks.

SECTION 8 – EXPOSURE CONTROLS AND PROTECTION INFORMATION

Ventilation: Good general ventilation should be sufficient to control airborne levels at ambient temperatures.

Respiratory Protection: When spraying, use a NIOSH approved supplied air respirator as required to prevent overexposure. In accordance with 29 CFR 1910.134, use either an atmosphere supplying respirator or and air purifying respirator for organic vapors.

Protective Clothing: Gloves determined to be impervious under the options of use such as Nitrile gloves should be worn always when working with this product. Depending on conditions of use, additional protection may be reassured such as apron, arm covers, or full body suit. Wash contaminated clothing before wearing. Protective clothing should be selected and used in accordance with “Guidelines for the Selection of Chemical Protective Clothing” published by ACGIH.

Eye Protection: Chemical tight goggles

Other Protective Equipment: Unhindered access to safety shower and eye wash stations. As a general hygiene practice, wash hands and face after use. Showers and cleaning of clothes are recommended. Follow all label instructions. Educate and train employees in safe use of product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Liquid Black color, mild amine

Boiling Point: > 392°F (200°C)

Vapor Density (Air = 1): Heavier than air

Coating V.O.C.: 0 g/l (0lb/g)

Solubility in Water: N/E

Specific Gravity (H₂O = 1): 1.06

Evaporation Rate: Slower than ether

V.O.C.s: None

PRODUCT NAME: Rhino Hybrid™ HP 11-50 Resin Black**SECTION 10 – STABILITY AND REACTIVITY**

Stability: The product is stable as long as stored as prescribed/indicated.

Conditions to Avoid: Avoid acids, oxidizing agents and isocyanates.

Incompatibility: With acids, oxidizing agents and isocyanates

Hazardous Decomposition Products: No decomposition if stored and handled as prescribed/ indicated.

Hazardous Polymerization: Not Available

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Data:		Test	Result	Route	Species
Polyoxypropylenediamine		LD50	2090 mg/kg	Dermal	Rabbit
		LD50	480 mg/kg	Oral	Rat

SECTION 12 – ECOLOGICAL INFORMATION

No Data Available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Method: Spill cleanup residues may still be subject to RCRA storage and disposal requirements. Dispose of in compliance with all relevant local, state, and federal laws and regulations regarding treatment.

Waste disposal of substance: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and by products should at all times comply with local, state, province and Federal regulations. Incinerate in a licensed facility

Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Steel drums must be emptied and can be sent to a licensed drum re-conditioner for reuse, a scrap metal dealer or an approved landfill. Refer to 40 CFR § 261.7 (residues of hazardous waste in empty containers).

SECTION 14 – TRANSPORTATION INFORMATION**Land transport**

USDOT Not classified as a dangerous good under transport regulations

Sea transport

IMDG Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO Not classified as a dangerous good under transport regulations

SECTION 15 – NATIONAL REGULATIONS AND REFERENCES**USA CLASSIFICATION****OSHA Classification**

Physical: Not Regulated

Health: Skin sensitizer. Irritant.

Target Organ: Skin. Central nervous system. Peripheral nervous system. Liver. Urinary tract. Gastrointestinal tract.

TSCA (Toxic Substance Control Act) Regulations: All ingredients are on the TSCA Chemical Inventory.

PRODUCT NAME: Rhino Hybrid™ HP 11-50 Resin Black**SECTION 15 – NATIONAL REGULATIONS AND REFERENCES**

EPCRA Section 313 (40 CFR 372): This product does not contain any chemicals subject to reporting requirements. This product does not contain nor is it manufactured with ozone depleting substances.

TSCA (Toxic Substance Control Act) Regulations: All components are listed or exempted United States Inventory (TSCA 8b)

State Regulations:	CAS Number	Chemical name	State RTK
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SARA hazard categories (EPCRA 311/312):

SARA Section 313 (40 CFR 372):

SARA 313 notification must be detached from the MSDS and any copying or redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

Other Regulation/Legislation Which Apply To This Product: Massachusetts Right-to-Know, Pennsylvania Right-to-Know, New Jersey Right-to-Know.

CANADIAN CLASSIFICATION

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and this MSDS (Material Safety Data Sheet) contains all the information required by the CPR.

Controlled Products Regulations (WHMIS) Classification: D-2B: Irritant.

CEPA/Canadian Domestic Substance List (DSL): The substance(s) in this product is/are on the Canadian Domestic Substances List (CEPA DSL).

European Union Regulations: R Phrases: R22, R 34, R36, 37, 38
S Phrases: S36,37,39 S26, S27, S28, S45

DEFINITIONS:

R22	Harmful if swallowed.
R34	Causes burns.
R36,37,38	Irritating to eyes, respiratory system and skin.
S27,28	After contact with skin take off immediately all contaminated clothing and wash immediately with plenty of water for no less than 15 minutes.
S 36,37,39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell seek medical advice immediately and show this MSDS where possible.

SECTION 16 – DISCLAIMER

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 USA, Inc. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.