



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: TRAXXSHIELD 100-DS DOUBLE-STICK ROLLED MOISTURE BARRIER

Synonyms: Double-Stick Rolled Moisture Barrier with Rubberized Copolymer on Bottom & Acrylic Adhesive on top

Manufacture/Supplier

TRAXX CORPORATION
1201 E. LEXINGTON AVE.
POMONA, CA 91766
www.traxxcorp.com

Phone Number (909) 623-8032

Fax Number: (909) 623-8074

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2. COMPONENT INFORMATION

Component	CAS No.	Percent Range
Petroleum Bitumen	8052-42-4	60 – 80
Rubber Copolymer	9003-55-8	4 - 20
Hydrotreated Heavy Naphthenic Distillate	64742-52-5	<20
Calcium Carbonate	1317-65-3	0 – 25
Plant Extract	8016-81-7	0 – 25
Modified Acrylic Polymer	Proprietary	5 – 20

This product is not hazardous under 29 CFR 1910.1200 and the Canadian Workplace Hazardous Material Information System (WHMIS). This product is considered an "article" under 29 CFR 1910.1200 (Hazard Communication). In situations where this article is accidentally deformed or heated creating dusts or fumes, this may be potentially hazardous.

Flammable/Combustible: No

Pressure: No

Acute Toxin: No

Reactive: No

Chronic Toxin: No

Exposure Limit: N/A

Carcinogen: No

2A. OTHER INGREDIENTS GREATER THAN 3%: NONE

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview:

This product is not flammable but will burn under fire conditions. May cause mild eye and skin irritation.

HMIS Ratings:

Health: 1

Flammability: 1

Reactivity: 0

Protection: B

Primary Route of Exposure: Skin x Inhalation x Eye x Ingestion x

Health Effect Information:

Eye Contact: May cause eye irritation if wiped or rubbed into eyes.

Skin Contact: May cause skin irritation on prolonged or repeated contact.

Inhalation: Unlikely due to the nature of this product.

Ingestion: There is no known health effect due to ingestion. Ingestion is unlikely due to the nature of this product.

Medical Conditions Aggravated by Exposure: May cause irritation.



4. FIRST AID INFORMATION

Eye Contact: Flush with water for 15 minutes. Get medical attention immediately.

Skin Contact: Wipe off and wash skin with soap and water. Promptly remove contaminated clothing and wash before reuse. See a physician if irritation develops.

Inhalation: No known adverse effect unless heated.

Ingestion: Due to the nature of this product ingestion is unlikely. Consult a physician immediately.

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: >450F	Test Method: COC
Flame Extension: NA	Test Method: NA
Flammable Limits in Air	
Upper Percent: NA	
Lower Percent: NA	
Auto ignition Temperature: NA	Test Method: NA

NFPA Classification:

Health	1	Flammability	1	Reactivity	0
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Extinguishing Media: CO₂, foam, dry chemical or water spray.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: Wear NIOSH/MSHA approved respirators, or self-contained breathing apparatus(SCBA).

Unusual Fire and Explosion Conditions: None known.

Hazardous Combustion By-Products: CO, CO₂, unburned hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Clean-Up Procedures:

Pick up and place into an appropriate container for disposal.

Personal Precautions:

Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions:

Dispose of waste material according to local, State, Federal, and Provincial Environmental Regulations.

Containment Procedures:

None necessary.

Evacuation Procedures:

None identified.

Special Procedures:

Regulations vary. Consult local authorities before disposal.

7. HANDLING AND STORAGE INFORMATION

Handling: Avoid prolonged contact with skin. Use protective gloves. Avoid rubbing eyes while handling.



Storage: Store in dry, cool environment. Keep containers closed when not in use.

Empty Container Warnings

Drums: NA

Plastic: NA

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
Bitumen	8052-42-4	0.5 mg/m ³ TLV-TWA
Hydrotreated Naphthenic Distillate	64742-52-5	5 mg/m ³ TWA, 10 mg/m ³ ACGIH

Personal Protective Equipment

Eye/Face Protection: Wear safety goggles with side shields.

Skin Protection: Use of gloves is recommended.

Respiratory Protection: None needed.

Personal Hygiene: Avoid rubbing eyes during handling. Due to the nature of this product ingestion is unlikely. Use good personal hygiene practices to avoid incidental ingestion.

Engineering Controls / Work Practices

Ventilation: Normal workplace ventilation.

Other: Source of clean water should be available in the work area for flushing eyes and skin. Wash thoroughly with soap and water after use and before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black rubberized bitumen with polyester surface	Vapor Pressure: NA
Odor: Slight petroleum odor	Vapor Density (air=1): NA
pH: NA	Volatile by Volume: Negligible
DOT Corrosivity: NA	Volatile Organic Content: 0%
Boiling Point: NA	Molecular Weight: NA
Melting Point: 190 to 264F	Average Carbon Number: NA
Specific Gravity: 1.0-1.2	Viscosity @ 77F: Solid
Pour Point: >300F	
Solubility in Water: Negligible	
Octanol/Water Coefficient: Log Kow = NA	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable under normal condition.

Conditions to Avoid: Avoid extreme heat, fire and temperature.

Incompatible Materials to Avoid: Avoid strong acids and strong oxidizers.

11. TOXICOLOGICAL INFORMATION (will only print available data)

Primary Eye Irritation: Irritating

Primary Skin Irritation: May be irritating

Acute Dermal Toxicity: NA

Subacute Dermal Toxicity: NA

Dermal Sensitization: NA

Inhalation Toxicity: NA

Inhalation Sensitization: NA

Ingestion: No adverse effects expected.

Mutagenicity: NA

Carcinogenicity: No adverse effects expected at ambient temperatures. If heated or burned, inhalation of bitumen smoke has been shown to cause bronchitis, pneumonitis and abscess formation in laboratory animals. Bitumen is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B

Acute Toxicity Values: Bitumen: Oral Rat LD50 - >5.0 g/kg and Skin Rabbit LD50->2.0 g/kg

Reproductive Toxicity: NA

Teratogenicity: NA

Immunotoxicity: NA

Neurotoxicity: NA

No other toxicological information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Not known

Terrestrial Toxicity: Not known

Chemical Fate and Transport: Not known

No other ecological information available

13. DISPOSAL INFORMATION

Regulatory Information: Consult all regulations (federal, state, provincial, local etc.) or a qualified waste disposal firm when characterizing waste for disposal.

Waste Disposal Methods: Dispose of in accordance with all applicable regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Highway / Rail (Bulk): Not classified

Highway / Rail (Non-Bulk): Not classified

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.

International Information

Vessel: IMDG Regulated: Not classified

IMDG Not Regulated

Air: ICAO Regulated: Not classified

ICAO Not Regulated

Other: No other information available.

15. Regulatory Information

Regulatory Lists

U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory or exempt from listing on the TSCA Inventory.



Sara Hazard Category (311/312): Acute Health, Chronic Health.

Sara Section 313: This product contains no chemical listed in Sara, Title III, Section 313 Chemicals.

CERCLA/Superfund: This product is not subject to CERCLA reporting requirements.

California Proposition 65 Information: This product does not contain substances known to the State of California to cause cancer.

Canadian WHMIS Classification: Not a controlled product (manufactured article).

CANADA: This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

CANADIAN CEPA: All the components of this product are listed on the Canadian DSL.

16. OTHER INFORMATION

Health and Environmental Label Language

All ingredients contained in this product are included on the US EPA Toxic Substances Control Act (TSCA) inventory or exempt from listing on the TSCA inventory. All ingredients contained in this product comply with the requirements of the Canadian Environmental Protection Act (CEPA) and are listed on the Domestic Substance List (DSL) or Non-Domestic Substance List (NDSL).

Disclaimer of Warranty: The information contained herein is based upon data and information available to us, and reflects our best professional judgement. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, TRAXX CORPORATION rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.

