



MATERIAL SAFETY DATA SHEET (MSDS)

SECTION I: MATERIAL IDENTIFICATION AND USE

MANUFACTURER: GUARDIAN BUILDING PRODUCTS
ADDRESS: 979 BATESVILLE ROAD
GREER, SC 29651
PHONE: (800) 569-4262

PRODUCT IDENTIFICATION: **Guardian Roof Armor Composite Membrane**
CHEMICAL FAMILY: Mixture
CHEMICAL FORMULA: Proprietary
MATERIAL USE: Self Adhesive Membrane

SECTION II: HAZARDOUS INGREDIENTS

<u>Hazardous Component OSHA-PEL</u>	<u>ACGIH TLV</u>	<u>LD50</u>	<u>%Wt</u>
Petroleum Asphalt CAS #8052-42-4	5.0 mg/m	5-15g/Kg	>50%
Petroleum Oil CAS #64741-88-4	0.2000 TWA		<15%

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°f)	N/A	Specific Gravity (H₂O) = 1	1.2
Vapor Pressure (mm Hg.)	N/A	Melting Point	>200°F
Vapor Density (Air=1)	N/A	Evaporation Rate (Bu AC=1)	N/A
Solubility in Water	Insoluble	Appearance and Odor	Black Solid, Slight Petroleum Odor

SECTION IV: FIRE & EXPLOSION DATA

Flash Point (Method): >410°F (T.O.C.)
Upper Explosion Limits: Not Determined
Sensitivity to Static Discharge: Not Determined
Lower Explosion Limits: Not Determined
Extinguishing Media: Standard Fire Extinguisher Water Spray, Regular Foam, Dry Chemical or Carbon Dioxide
Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for firefighters.
Unusual Fire and Explosion Hazards: None Known
Flammability: Will Support Combustion
Under What Conditions: Direct Flame

SECTION V: REACTIVITY DATA

Stability:	Stable	Conditions to Avoid:	N/A
Incompatibility:	N/A		
Hazardous Decomposition/Combustion Products:			Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen and Sulfur
Hazardous Polymerization:	Will not occur	Conditions to Avoid:	N/A

SECTION VI: HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation. Skin. Ingestion.
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Effects of Overexposure (Acute and Chronic)

Skin: Avoid contact with skin. Excessive exposure may cause irritation to eyes, nose, throat and skin. Prolonged and repeated skin contact may cause skin irritation.

Ingestion: Slightly toxic. Emergency and First Aid Procedures.

Inhalation: Not Applicable

Skin: Wash thoroughly with soap and water. If redness or irritation develops, obtain medical assistance.

Eyes: Flush with water for at least 15 minutes. Obtain medical assistance.

Ingestion: Drink liquids. Obtain medical assistance.

Medical Conditions Aggravated by Exposure:

Disorders or Diseases of the Skin, Eye, Respiratory Tract or Allergies

Carcinogenity	NTP	IARC Mongraphs OSHA Regulated	
No	No		
Irritant	Sensitizer	Mutagenic	Teratogenic
Yes	Yes	No	No

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Leak and Spill Procedures: Follow Federal, State and Local Regulations. *Not a RCRA Hazardous Waste.*

Waste Disposal Method: Dispose in a licensed waste disposal facility in accordance with all applicable federal, state and local laws, codes and regulations.

Precautions to be taken in Handling and Storage: Do not ingest. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling, especially prior to eating or smoking. Launder soiled clothes.

Other Precautions: Keep Out of Reach of Children.

SECTION VIII: EXPOSURE CONTROL

Respiratory Protection: N/A

Ventilation: N/A

Protective Gloves: Yes. Polyvinyl chloride (PVC), neoprene, nitrile, polyvinyl alcohol (PVA) or viton gloves have been found to be effective.

Eye Protection: N/A

Other Protective Clothing or Equipment: N/A

Hygienic Practices: Wash thoroughly after handling, especially prior to eating or smoking. Wash clothing before reuse.

SECTION IX: REGULATORY INFORMATION

Reportable Quantity: N/A

RCRA Hazardous Waste No. Not a RCRA Hazardous Waste

Proper Shipping Name Asphaltic Roofing Material

DOT Hazard Class Not Required

Identification Number Not Required

Volatile Organic Content N/A

Label Requirements Not Required