

**SECTION 1 IDENTIFICATION**

<b>Product Name</b>	<b>Derbicant</b>
<b>Recommended Use</b>	Roof and Waterproofing Membranes and Accessories
<b>Restrictions</b>	Contact Manufacturer
<b>Manufacturer</b>	Performance Roof Systems
<b>Address</b>	4821 Chelsea Avenue Kansas City, MO 64130
<b>Phone Number</b>	(800) 727-9872
<b>Emergency Number</b>	(800) 424-9300 (CHEMTREC)

**SECTION 2 HAZARDS**

<b>GHS Classification</b>	As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, Performance Roof Systems would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product.
<b>Hazard Pictographs</b>	Not Applicable
<b>Signal Word</b>	Not Applicable
<b>Hazard Statements</b>	Not Applicable
<b>Precautionary Statements</b>	P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P260 - Do not breathe fume, gas, vapors P264 - Wash hands, forearms and face thoroughly after handling P270 - Do not eat, drink or smoke when using this product P273 - Avoid release into the environment P280 - Wear protective gloves and clothing
<b>Response</b>	P301+P310 - If swallowed: Immediately call a Poison Center or doctor/physician. Do not induce vomiting. Collect Spillage. P303+P361+P353 - If on skin (or hair), Take off immediately all contaminated clothing. Rinse skin with water/shower P303+P340 - If inhaled, remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P308+P313 - If exposed or concerned, get medical advice/attention

**SECTION 2 HAZARDS**

<b>Response</b>	P314 - Get medical advice/attention if you feel unwell P370+P378 - In case of fire: Use carbon dioxide (CO <sub>2</sub> ), foam, dry extinguishing powder to extinguish
<b>Storage</b>	P403+P235 - Store in well-ventilated place. Keep cool
<b>Disposal</b>	P501 - Dispose of contents and/or container in accordance with local, regional and national regulations

**SECTION 3 COMPOSITION**

**Chemical Composition: Mixture**

COMPONENT	CAS NUMBER	PERCENT BY WEIGHT	GHS CLASSIFICATION
Asphalt <sup>1</sup>	8052-42-4	25 - 60	Carc. 1B, H350
Limestone <sup>1</sup>	1317-65-3	0 - 35	Not classified
Silica Crystalline <sup>2</sup>	14808-60-7	1 - 5	Carc. 1A, H350

**Note:** The above components and their percentages are provided for health and safety purposes, ONLY. This document should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

<sup>1</sup> Component is not likely to occur above the limits of exposure considering its incorporated into the mixture and/or provided use.

<sup>2</sup> Concentrations above the limit of exposure are not likely to be found in the ambient air due to adhesion to the membrane's surface.

**SECTION 4 FIRST AID MEASURES**

<b>Eyes</b>	If foreign matter enters eyes, immediately flush with large amounts of potable water for at least 15 minutes or until irritation subsides. Get medical attention if irritation persists.
<b>Skin</b>	Remove contaminated clothing and wash with soap and water.
<b>Inhalation</b>	Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, give oxygen. Get medical attention.
<b>First-Aid, Ingestion</b>	Consult a physician if unusual reaction is noted. Product is not intended nor is it likely to be ingested or eaten.
<b>Symptoms, Acute &amp; Delayed</b>	<b>Refer to Section 11 - Toxicological Information</b>
<b>Immediate Medical Attention</b>	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials

**SECTION 5 FIRE FIGHTING MEASURES**

<b>Flash Point</b>	> 520-650°F (ASTM D92)
<b>Hazardous Products of Combustions</b>	Carbon dioxide, carbon monoxide and partially burned carbon
<b>Extinguishing Media</b>	Foam CO <sub>2</sub> or dry chemical extinguishers.
<b>Firefighting instruction</b>	Burning of this product will produce thick black smoke.
<b>Explosion Hazard</b>	None
<b>Protection Gear</b>	Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing to avoid smoke inhalation and lack of oxygen.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	No special precautions should be necessary if material is used under ordinary conditions and as recommended.
<b>Emergency Procedures</b>	No emergency procedures should be necessary if material is used under ordinary conditions as recommended.
<b>Environmental Precautions</b>	Avoid run off to waterways and sewers.
<b>Method and Materials for Containment &amp; Clean Up</b>	Pick up large pieces. Vacuum dust. If sweeping is necessary, use a dust suppressant such as water. These procedures will help to minimize potential exposures. Scoop up material and put into a suitable container for disposal as a nonhazardous waste.

**SECTION 7 HANDLING AND STORAGE**

<b>Handling</b>	Use this product with adequate ventilation. Avoid breathing dusts or fumes generated from cutting or heating this material. Always wash work clothes separately from other clothing. Wash thoroughly after handling. <b>Use personal protective equipment as described in Section 8.</b>
<b>Storage</b>	Store indoors in a cool, dry, well-ventilated area. Do not handle or store near an open flame, heat or other sources of ignition. This product will react with strong oxidizing agents, reducing agents, strong acids and alkali

**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Occupational Exposure Limits**

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	NIOSH
Asphalt	8052-42-4	Not Established	0.5 mg/m <sup>3</sup> TWA (respirable)	5 mg/m <sup>3</sup> Ceiling (fume,15 min)
Limestone	1317-65-3	5 mg/m <sup>3</sup> (respirable) 15 mg/m <sup>3</sup> (total dust)	3 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> (total dust)
Silica, crystalline	14808-60-7	0.1 mg/m <sup>3</sup> TWA (respirable)	0.025 mg/m <sup>3</sup> TWA (respirable)	0.05 mg/m <sup>3</sup> TWA (respirable)

ABBREVIATION KEY

NIOSH = National Institute for Occupational Safety  
 OSHA = Occupational Safety & Health Administration  
 ACGIH = American Conference of Governmental Industrial Hygiene

PEL = Permissible Exposure Level  
 TLV = Threshold Limit Value  
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

<b>Engineering Measures/ Controls</b>	Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
<b>General Industrial Hygiene</b>	Use good industrial hygiene practices in handling this material.
<b>Environmental Exposure Controls</b>	Follow best practice for site management and disposal of waste.

**PERSONAL PROTECTIVE EQUIPMENT**

**Pictographs**



<b>Eyes/Face</b>	<b>Safety glasses with side shields</b> Follow the national guidelines concerning the use of protective eye wear.
<b>Hand</b>	<b>Protective Gloves</b> Leather or cotton gloves may be worn to prevent skin contact and irritation.
<b>Skin/Body</b>	Normal work clothing (long sleeved shirts, long pants and smooth bottom work shoes) is recommended.
<b>Inhalation</b>	Use NIOSH or MSHA approved respiratory protective equipment when airborne exposure limits are exceeded.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Solid
<b>Appearance</b>	Various colors
<b>Odor</b>	Slight asphalt odor
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Relative Evaporation Rate</b>	No data available
<b>Boiling Point</b>	> 900°F; > 482°C
<b>Freezing Point</b>	No data available
<b>Flash Point</b>	520-650°F
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Specific Gravity (H<sub>2</sub>O =1)</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor Density (AIR=1)</b>	No data available
<b>Solubility in Water</b>	NIL

**SECTION 10 STABILITY AND REACTIVITY**

<b>Stability</b>	Stable at room temperature in closed containers under advised storage and handling conditions.
<b>Reactivity</b>	Upon combustion CO and CO <sub>2</sub> are formed
<b>Conditions to Avoid</b>	Strong oxidizers, no spark or open flame, direct sunlight and high temperatures
<b>Hazardous Decomposition</b>	Carbon monoxide, carbon dioxide, hydrogen sulfide and sulfur dioxide
<b>Hazardous Polymerization</b>	Will not occur

**SECTION 11 TOXICOLOGICAL INFORMATION**

**POTENTIAL HEALTH EFFECTS**

**Eyes**

<b>Acute (Immediate)</b>	Not expected to present a hazard to the eyes. Mechanical irritation may occur in contact with particles.
<b>Chronic (Delayed)</b>	No data available

**Skin**

<b>Acute (Immediate)</b>	Mechanical abrasion may occur in contact with skin. Thermal burns when handled at elevated temperatures.
<b>Chronic (Delayed)</b>	No data available

**Inhalation**

<b>Acute (Immediate)</b>	For torch-on applications, inhalation of fumes may result in irritation, especially if the product is over heated above recommended temperatures.
<b>Chronic (Delayed)</b>	This product contains crystalline silica which is listed by IARC as a suspect carcinogen. Silicosis (pulmonary fibrosis or severe lung scarring) may occur if exposed to high levels or repeated encounters with dust. Exposure to airborne particles that exceed the limits listed may cause lung cancer. This product also contains petroleum asphalt. If heated, there is limited evidence that derivatives of asphalt fumes may cause carcinogenic effects in animals. There is inadequate evidence to support that asphalt fumes alone are carcinogenic to humans.

**Ingestion**

<b>Acute (Immediate)</b>	Product is not intended nor is it likely to be ingested or eaten.
<b>Chronic (Delayed)</b>	No data available

**Component Analysis**

COMPONENT	CAS NUMBER	ORAL LD50 (mg/kg)	DERMAL LD50 (mg/kg)	INHALATION LC50 (mg/L)
Asphalt	8052-42-4	>2,000 (rat)	>2,000 (rabbit)	<0.094 (rat)
Limestone	1317-65-3	500 (rat)	N/A	>1 (rat)
Silica Crystalline	14808-60-7	>2,000 (rat)	>2,000 (rat)	>3 (rat)

**ABBREVIATION KEY**

IARC = International Agency for Research on Cancer  
 NTP = National Toxicology Program  
 ACGIH = American Conference of Governmental Industrial Hygiene

LD<sub>50</sub> = Lethal dose, 50 percent  
 LC<sub>50</sub> = Lethal concentration, 50 Percent  
 STOT = Specific Target Organ Toxicity

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Component Carcinogenicity** Asphalt (8052-42-4)  
IARC: Group 2B - Possible Carcinogen  
  
Limestone (1317-65-3)  
IARC: Group 2B - Possible Carcinogen  
  
Crystalline silica (14808-60-7)  
IARC: Group 1 - Known Human Carcinogen (IARC Monograph 68 [1997])  
ACGIH: A2 - Suspected Human Carcinogen  
NTP: Known Human Carcinogen

**Mutagenicity** Based on available data, the classification criteria are not met.

**STOT Single Exposure** Based on available data, the classification criteria are not met.

**STOT Repeated Exposure** **OSHA HCS 2012** ▪ STOT RE Hazard Category 1

**Carcinogenic Effects** When used under normal conditions, this product is not considered a carcinogen. Based upon the newly published IARC classifications for bitumen/asphalt fumes, it has been determined that there is inadequate evidence to support that asphalt fumes alone are carcinogenic to humans.  
  
This product contains crystalline silica which is listed by IARC as a suspect carcinogen. Silicosis (pulmonary fibrosis or severe lung scarring) may occur if exposed to high levels or repeated encounters with dust. Exposure to airborne particles that exceed the limits listed may cause lung cancer.

**SECTION 12 ECOLOGICAL INFORMATION**

**General** Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.

**Component Analysis** No data available

**Environmental Transport** No data available

**Environment Degradation** No data available

**Soil Absorption/Mobility** No data available

**Other Information** This product has not been tested. Based on information related to all raw materials in the finished product it is not expected to harm ecosystems through its applied use.

**SECTION 13 DISPOSAL CONSIDERATIONS**

**Product Waste** The transportation, storage, treatment and dispose of this waste must be conducted in accordance with all applicable federal, state and local regulations.

**Packaging Waste** The transportation, storage, treatment and dispose of this waste must be conducted in accordance with all applicable federal, state and local regulations.

**SECTION 14 TRANSPORT INFORMATION**

**Transportation Regulations** This product is not regulated as a hazardous material in transportation.

**SECTION 15 REGULATORY INFORMATION**

<b>TSCA Inventory</b>	Components are listed
<b>DSL Inventory</b>	Components are listed
<b>WHMIS Classification</b>	Controlled Product Classification: D2A, based on the IARC classification of crystalline silica and Limestone
<b>Sara 313</b>	None present
<b>Sara 311/312 Categories</b>	None present
<b>CERCLA</b>	None present
<b>CA Proposition 65</b>	Petroleum Asphalt (CAS #8052-42-4); Silica, crystalline (CAS #14808-60-7) <b>WARNING:</b> This product contains a chemicals known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>IRCA</b>	Petroleum Asphalt (CAS #8052-42-4); Silica, crystalline (CAS #14808-60-7) Limestone (CAS #1317-65-3)
<b>NIOSH</b>	Petroleum Asphalt (CAS #8052-42-4); Silica, crystalline (CAS #14808-60-7)
<b>Right to Know States</b>	

COMPONENT	CAS NUMBER	STATES
Asphalt	8052-42-4	CA, MA, NJ, PA RI
Limestone	1317-65-3	MA, MN, PA
Silica Crystalline	14808-60-7	CA, MA, MN, NJ, PA, RI

**SECTION 16 OTHER INFORMATION**

<b>Preparation Date</b>	July 2023
<b>Summary of Changes</b>	Change to GHS Classification, Product not considered hazardous due to OSHA Hazard Communication Standard, 29 CFR 1910.1200.
<b>Disclaimer</b>	<p>The information and recommendations contained herein are to the best of Performance Roof Systems' knowledge and belief, accurate and reliable as of the date issued. Performance Roof Systems does not warrant or guarantee their accuracy or reliability, and Performance Roof Systems shall not be liable for any loss or damage arising out of the use thereof.</p> <p>The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying upon the most recent, updated, information and recommendations available from Performance Roof Systems.</p>

ABBREVIATION KEY

TSCA = Toxic Substances Control Act  
 WHMIS = Workplace Hazardous Materials Information System (Canada)  
 IARC = International Agency for Research on Cancer  
 GHS = Global Harmonized System

DSL = Domestic Substances List (Canada)  
 CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act  
 NIOSH = National Institute for Occupational Safety  
 OSHA = Occupational Safety & Health