

# SAFETY DATA SHEET

## ASPHALT ROOF PRIMER



### SECTION 1 IDENTIFICATION

<b>Product Name</b>	Asphalt Roof Primer
<b>Product Identifier</b>	Mixture of asphalt and naphtha solvent
<b>Recommended Use</b>	Roofing/Waterproofing
<b>Restrictions</b>	None
<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

**GHS Classification** H225/H340/H350/H372

**Hazard Pictographs**



**Signal Word** Warning

**Hazard Statements**  
H302 - Highly flammable liquid and vapor  
H340 - May cause genetic defects (dermal, inhalation)  
H350 - May cause cancer (dermal, inhalation)  
H372 - Causes damage to organs (central nervous system, eye, skin, lung, liver) through prolonged or repeated exposure (dermal, inhalation)

**Precautionary Statements**  
P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from open flames. - NO SMOKING  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting/... equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
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  
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  
P314 - Get medical advice/attention if you feel unwell  
P321 - Specific treatment (see eye protection, protective gloves  
P370+P378 - In case of fire: Use carbon dioxide (CO<sub>2</sub>), foam, dry extinguishing powder to extinguish

ABBREVIATION KEY

GHS = Global Harmonized System

STOT = Specific Target Organ Toxicity

**SECTION 2 HAZARDS**

P403+P235 - Store in well-ventilated place. Keep cool  
 P405 - Store locked up  
 P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

**SECTION 3 COMPOSITION**

**Chemical Composition**

COMPONENT	CAS NUMBER	PERCENT BY WEIGHT
Petroleum Asphalt	8052-42-4	50 - 70
Hydrocarbon Solvent	64752-95-6	NA

**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.

**SECTION 4 FIRST AID MEASURES**

**First-Aid, Eyes** Immediately flush with large amounts of potable water. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**First-Aid, Skin** Remove contaminated clothing and wash with soap and water.

**First-Aid, Inhalation** Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). If breathing is difficult, give oxygen. Get medical attention.

**First-Aid, Ingestion** Do not induce vomiting – aspiration hazard. If spontaneous vomiting occurs, monitor for breathing difficulty. Get immediate medical attention. 3-5 ounces may be fatal.

**Symptoms, Eyes** Conjunctivitis, irritation, tearing and burning

**Symptoms, Skin** Irritation and inflammation. Allergic skin reaction may occur. Dermatitis

**Symptoms, Inhalation** Irritation to mucus membranes and respiratory tract, nausea, dizziness and headache

**Immediate Medical Attention** Treat symptomatically

**SECTION 5 FIRE FIGHTING MEASURES**

**Fire Hazard** Combustible liquid

**Flash Point** > 105 °F Tag Closed Cup **LEL:** 0.7% **UEL:** 6.0%

**Hazardous Products of Combustions** H<sub>2</sub>S, CO, CO<sub>2</sub> and SOX.

**Extinguishing Media** Foam CO<sub>2</sub> or dry chemical extinguishers.

**Firefighting instruction** Do not use direct water on substance. Water and foam may cause frothing. Treat as a fuel fire.

**Explosion Hazard** Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May form flammable/explosive vapor-air mixture.

**Protection Gear** Do not enter fire area without proper equipment, including respiratory protection.

ABBREVIATION KEY

LEL = Lower Explosion Limit

UEL = Upper Explosion Limit

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**                      Wear appropriate protective clothing to avoid eye and skin contact.

**Environmental Precautions**            Avoid release into the environment. Report releases as required by local, state and federal authorities.

**Method and Materials for Containment & Clean Up**    If your facility or operation has an “oil or hazardous substance contingency plan”, activate the procedure. Take immediate steps to stop and contain the spill. Shut off all sources of ignition. Keep people away. Eliminate sources of ignition. Recover free product, add limestone, earth, or other suitable absorbents. Minimize skin contact and avoid breathing vapors. Ventilate confined spaces. Keep product out of sewers and waterways by diking or impounding. Dispose of in an approved facility, see Section 13, Disposal Considerations.

**SECTION 7 HANDLING AND STORAGE**

**Handling**                                      Use this product with adequate ventilation. Material is **COMBUSTIBLE**. Material requires electrical grounding during material transfer process to prevent fire or explosion risk from static accumulation and discharge. All electrical equipment in storage and handling areas should be installed per NFPA requirements. Obtain special instruction before use. Do not handle until all safety precautions have been read and understood.

**Storage**                                        Keep containers cool, dry and away from sources of ignition. Keep containers tightly closed when not in use. **DO NOT STORE NEAR HEAT, SPARKS, FLAME, OTHER SOURCES OF IGNITION OR STRONG OXIDIZERS.** Keep only in original container.

**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Exposure Guidelines**                      Aliphatic Petroleum Distillate; 100 ppm (OSHA PEL and ACGIH TLV)

**Eye**    Wear chemical splash goggles (ANSI Z87.1) or safety glasses when working with or transferring this product. **DO NOT WEAR CONTACT LENSES IN THE PRESENCE OF THIS MATERIAL UNLESS SPLASH GOGGLES ARE WORN.**

**Skin**    Use chemical resistant gloves, to avoid prolonged or repeated skin contact.

**Respiratory**                                    Use NIOSH or MSHA approved respiratory protective equipment when airborne exposure limits are exceeded.

**Ventilation**                                    Ventilation may be used to reduce airborne concentrations. If ventilation can not reduce airborne concentrations below acceptable limits, appropriate respiratory protection should be used.

**Occupational Exposure Limits**

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	NIOSH REL
Petroleum Asphalt	8052-42-4	Not Established	0.5 mg/m <sup>3</sup> TWA (respirable)	0.5 mg/m <sup>3</sup> Ceiling (15 min)
Hydrocarbon Solvent	64752-95-6	0.2 mg/m <sup>3</sup> TWA	0.2 mg/m <sup>3</sup> TWA	0.1 mg/m <sup>3</sup> TWA

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

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

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid
<b>Appearance</b>	Black fibered mastic
<b>Odor</b>	Aliphatic hydrocarbon odor
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Relative Evaporation Rate</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Flash Point</b>	>100 °F; >37.7 °C;
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative Density</b>	1.3
<b>Density (lb/gal)</b>	8-9
<b>Percent Solids</b>	>50%
<b>Solubility in Water</b>	Nil
<b>VOC</b>	4.0 lb/gal; 500 g/L

**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 and carbon dioxide
<b>Hazardous Polymerization</b>	Will not occur

**SECTION 11 TOXICOLOGICAL INFORMATION**

<b>LD50 Oral Rat</b>	>5000 mg/kg (based upon aliphatic petroleum distillate)
<b>LD50 Dermal Rabbit</b>	>3000 mg/kg (based upon aliphatic petroleum distillate)
<b>Mutagenicity</b>	May cause genetic defects (dermal, inhalation)
<b>Carcinogenicity</b>	May cause cancer (dermal, inhalation)
<b>Specific Target Organ Toxicity</b>	Causes damage to organs (central nervous system, eye, skin lung and liver) through prolonged or repeated exposure.
<b>Chronic Effects</b>	Prolonged and repeated skin contact may cause dermatitis, photo-sensitization and melanosis.
<b>Potential Adverse Human Health Effects</b>	Based on available data, the classification criteria are not met.

ABBREVIATION KEY

LD50 = Lethal dose, 50 percent

LC50 = Lethal concentration, 50 Percent

**SECTION 12 ECOLOGICAL INFORMATION**

<b>Eco toxicity</b>	This product may cause adverse environmental effects if used improperly or release to the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.
<b>Environmental Transport</b>	No Data
<b>Environment Degradation</b>	No Data
<b>Soil Absorption/Mobility</b>	No Data

**SECTION 13 DISPOSAL CONSIDERATIONS**

Dispose of in an environmentally safe manner and in accordance with governmental regulations. “Empty” containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. For work on tanks, refer to OSHA regulation ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations.

**This is “RCRA” regulated hazardous waste [D001 Ignitable per 40 CFR 260.21] and must be disposed in a permitted facility. Containers are hazardous waste if not emptied completely (less than 1 inch of residue).**

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**

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

<b>US DOT</b>	Non-bulk packages (< 119 gl capacity) are exempt from DOT HAZMAT requirements Bulk packages @ less than 105 °F (119 gl or greater) Tars, liquid, 3, UN1999, PG II Bulk packages above 105 °F (119 gl or greater) Elevated Temperature Liquid, Flammable, n.o.s., 3, UN3256, PG III
<b>Canadian TDG</b>	Tars, liquid, 3 UN1999, PG II

**SECTION 15 REGULATORY INFORMATION**

<b>TSCA Inventory</b>	Components are listed
<b>DSL Inventory</b>	Components are listed
<b>WHMIS Classification</b>	Class B, Division 2
<b>Sara 313</b>	None present
<b>Sara 311/312 Categories</b>	Acute Health Hazard; Fire Hazard; Chronic Health Hazard
<b>CERCLA</b>	None present
<b>CA Proposition 65</b>	This product may contain chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm.

ABBREVIATION KEY

DOT = Department of Transportation	TSCA = Toxic Substances Control Act
DSL = Domestic Substances List (Canada)	WHMIS = Workplace Hazardous Materials Information System (Canada)
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act	

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**SECTION 15 REGULATORY INFORMATION**

**Right to Know States**

COMPONENT	CAS NUMBER	CA	MA	MN	NJ	PA	RI
Petroleum Asphalt	8052-42-4	No	Yes	No	Yes	Yes	Yes
Hydrocarbon Solvent	64752-95-6	No	No	No	No	No	No

**SECTION 16 OTHER INFORMATION**

**Preparation Date**

April 2020

**Revision Date**

March 2022

**Summary of Changes**

Branding Update

**Disclaimer**

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.

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.

ABBREVIATION KEY