

## SECTION 1 - PRODUCT IDENTIFICATION

### **Product Identifier**

**Product Name:** RoofBlock™ HT

### **Other means of identification**

**Other Names/Synonyms:** Part No. 41403899

### **Recommended use of the chemical and restrictions on use**

**Recommended use:** Restricted to professional users as an impermeable roof underlayment for use in building roof construction.

**Uses advised against:** No information available

### **Details of the supplier of the safety data sheet**

**Supplier Address:** VAPROSHIELD, LLC  
915 26<sup>TH</sup> Ave. NW, #C-5  
Gig Harbor, WA 9335  
866-731-7663

### **Emergency telephone number**

**Product Information:** 8:00 AM – 5:00 PM PST Monday-Friday

1-866-731-7663

**24 hour Emergency Contact:** 24/7 CHEMTREC:

1-800-424-9300 or 1-703-527-3887

## SECTION 2 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This product has no known adverse effect on human health

**Classification:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitivity	Category 0
Serious eye damage/eye irritation	Category 0
Reproductive toxicity	Category 0

### **Label Elements**

#### **EMERGENCY OVERVIEW:**

#### **Hazard statements**

This product is manufacture as an article under the United States Hazard Communication System and is exempt from the regulatory requirements under HCS.

**Appearance:** White/Red Sheet with black adhesive coat

**Physical state:** Solid Sheet membrane

**Odor:** Slight

### **PRECAUTIONARY STATEMENTS:**

The use personal protective equipment in not required;

**RESPONSE:** Not applicable

**STORAGE:** Not applicable

**DISPOSAL:** Not applicable

**Hazards not otherwise classified (HNOC)**

**Other Information**

Not applicable

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**PHYSICAL DESCRIPTION:** This product is an asphalt coated, bonded polymer sheets of moisture resistant polypropylene.

### SECTION 3 - COMPOSITION/INFORMATION

Component	CAS-No.	Weight - %
Asphalts	8055-42-1	60-80%
Distillates (petroleum), petroleum residue vacuum	68955-27-1	60-80%
Hydrogen Sulfide	7783-06-4	0 - 8%

The exact percentage (concentration in the composition has been withheld as a trade secret.  
Occupational exposure limits, if available are listed in section 8.  
None of the components of this article are in a respirable state.

### SECTION 4 - FIRST AID MEASURES

**Emergency Overview:** This product does not present a respiration hazard.

**INHALATION:** Because of the nature of this product, inhalation is not a route of exposure.  
**SKIN EXPOSURE:** Material is in a solid form. If skin contact, wash area with soap and water. Get medical attention if skin irritation occurs.  
**EYE EXPOSURE:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if symptoms occur.  
**INGESTION:** Ingestion is not a route of exposure.

### SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Use an extinguished agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: No specific fire or explosion hazard.

Hazardous thermal decomposition products: Decomposition products may include the following materials:  
Carbon Dioxide  
Carbon Monoxide  
Sulfur oxides  
Low MW hydrocarbons

Special protective equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode.

Special protective actions for fire fighters: Promptly isolated the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risks or without suitable training.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures.

**For non-emergency personal:** Put on appropriate personal protective equipment.

**For emergency responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unstable materials. See also the information in "For non-emergency personnel."

**Environmental precautions** Material will not spill.

### Methods and materials for containment and cleaning up

**Spill:** Due to the physical state of this material, spills are not possible.

## SECTION 7 - HANDLING AND STORAGE

### Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8).  
Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See section 8 for additional information on hygiene measures.  
Conditions for safe storage any incompatibilities: Store in accordance with local regulations. Store in original container including protected from direct sunlight in cool and well-ventilated area away from incompatible materials (see section 10) and food and drink.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal Protection Equipment

Respiratory Protection: Respiratory protection should not be required under normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

### Exposure Guidelines

Exposure Limit Values

Chemical Name	PEL (OSHA)	TLV (ACGI)
Asphalt	5 mg/m <sup>3</sup> 8 hr. TWA Respirable fraction	0.5 mg/m <sup>3</sup> 8 hr. TWA Inhalable (as benzene soluble aerosol)
Distillates (petroleum), petroleum residues	None	
Hydrogen Sulfide	CEIL: 20 ppm AMP: 50 ppm 10 minutes NIOSH REL CEIL: 15 mg/m <sup>3</sup> 10 minutes	TLV 1 ppm 8 hr. STEL: 5 ppm 15 minutes

### Appropriate Engineering Controls

No special ventilation requirements. Good ventilation should be sufficient to control worker exposure to airborne contaminants.

### Environmental Exposure Controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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**Hygiene Measure**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face Protection**

Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts.

**Skin Protection/Hand Protection**

Chemical- resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body Protection**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other Skin Protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory Protection**

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b>	Sheets roll
<b>Color:</b>	White face, with black back
<b>Odor:</b>	Asphaltic (slight)
<b>Relative density:</b>	1.09
<b>Solubility:</b>	Insoluble in water
<b>VOC:</b>	0 g/l

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability:</b>	This product is stable.
<b>Possibility of hazardous reactions:</b>	Under normal conditions of storage and use, hazardous reaction will not occur.
<b>Conditions to avoid:</b>	No specific data.
<b>Incompatible materials:</b>	Reactive or incompatible with the following materials: Oxidizing materials.
<b>Hazardous decomposition products:</b>	Reactive or incompatible with the following materials: Oxidizing materials.

**SECTION 11 - TOXICOLOGY INFORMATION**

**Information on toxicology effects**

**Acute toxicity**

Product/ingredient	Result	Species	Dose	Exposure
Asphalt	LD50 Oral	Rat	>5000 mg/kg	-

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Hydrogen Sulfide	LC50 Inhalation Gas	Rat	444 ppm	4 hours
	LC50 Inhalation Vapor	Rat	700 mg/m <sup>3</sup>	4 hours

**Irritation/Corrosion:** There is no data available  
**Sensitization:** There is no data available  
**Mutagenicity:** There is no data available

**Carcinogenicity Classification**

Product/ingredient	OSHA	IARC	NTP
Asphalt	-	2B	-

**Reproductive toxicity:** There is no data available  
**Teratogenicity:** There is no data available  
**Specific target organ toxicity (single exposure):** There is no data available  
**Specific target organ toxicity (repeated exposure):** There is no data available  
**Aspiration hazard:** There is no data available  
**Information on the likely routes of exposure:** Routes of entry anticipated: dermal contact  
 Routes of entry not anticipated: Oral, inhalation, ingestion

**Potential Acute Health Effects**

Eye Contact: No known significant effects or critical hazards  
 Inhalation: No known significant effects or critical hazards  
 Skin contact: No known significant effects or critical hazards  
 Ingestion: No known significant effects or critical hazards

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye Contact: No known significant effects or critical hazards  
 Inhalation: No known significant effects or critical hazards  
 Skin contact: No known significant effects or critical hazards  
 Ingestion: No known significant effects or critical hazards

**Delayed and immediate effects and chronic effects from short and long term exposure**

**Short Term**

Potential immediate effects: No known significant effects or critical hazards  
 Potential delayed effects: No known significant effects or critical hazards

**Long term exposure**

Potential immediate effects: No known significant effects or critical hazards  
 Potential delayed effects: No known significant effects or critical hazards

**Potential chronic health effects**

General: No known significant effects or critical hazards  
 Carcinogenicity: No known significant effects or critical hazards  
 Mutagenicity: No known significant effects or critical hazards  
 Teratogenicity: No known significant effects or critical hazards  
 Developmental effects: No known significant effects or critical hazards  
 Fertility effects: No known significant effects or critical hazards  
 Numerical measures of toxicity: There is no data available

## SECTION 12 - ECOLOGICAL INFORMATION

### Acute toxicity estimates:

#### Toxicity

Product/ingredient name	Results	Species	Exposure
Hydrogen Sulfide	Acute EC50 62 µg/L Fresh water Acute LC50 2 µg/L Fresh water	Crustaceans-Gammarus pseudolimnaeus Fish- Coregonus clupeaformis- Yolk Sac fry	2 days 96 hours

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste Disposal:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

## SECTION 14 - TRANSPORTATION INFORMATION

**Disposal Methods** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

## SECTION 15 - REGULATORY INFORMATION

**AERG:** Not applicable

### Regulatory Information

**DOT / TDG / IMDG / IATA:** Not regulated

U.S. Federal regulations: SCA 8(a) CDR Exempt/Partial exemption: Not determined United States inventory (TSCA 8 b): all components are listed or exempted

Clean Air Act Section 112 (b) Not Listed

Hazardous air pollutants (HAPs)

Clean Air Act (CAA) Section 602 Class I Substances Not Listed

Clean Air Act (CAA) Section 602 Class II Substances Not Listed

DEA List I Chemicals Not Listed

(Precursor chemicals)

DEA List II Chemicals Not Listed

(Essential Chemicals)

SARA 302/304

SARA 304 RQ

SARA 311/312

SARA 313

### Composition/information on ingredients

SARA 304 RQ Not applicable

SARA 311/312 Not applicable

SARA 313 Not applicable

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**State regulations**

Massachusetts

New Jersey

New York

Pennsylvania

California Prop.65

The following components are listed: Petroleum asphalt

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None of the components are listed

The following components are listed: Petroleum asphalt

None of the components are listed on the Prop 65 list dated 2020.01.03

**Prepared By**  
**Issuing Date**

Regulatory Department  
08-June-2020

**Disclaimer**

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**End of Safety Data Sheet**