

RoofBlock HT

Issue Date 2020.06.08

Revision Date: 2022.01.21

Revision Number 1.2

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 26TH 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

RoofBlock HT

Issue Date 2020.06.08

Revision Date: 2022.01.21

Revision Number 1.2

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 (ACGIA)
Asphalt	5 mg/m ³ 8 hr. TWA Respirable fraction	0.5 mg/m ³ 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 ³ 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.

RoofBlock HT

Issue Date 2020.06.08

Revision Date: 2022.01.21

Revision Number 1.2

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

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

SECTION 10 - STABILITY AND REACTIVITY

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

RoofBlock HT

Issue Date 2020.06.08

Revision Date: 2022.01.21

Revision Number 1.2

Hydrogen Sulfide	LC50 Inhalation Gas	Rat	444 ppm	4 hours
	LC50 Inhalation Vapor	Rat	700 mg/m ³	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) Hazardous air pollutants (HAPs) Not Listed

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 (Precursor chemicals) Not Listed

DEA List II Chemicals (Essential Chemicals) Not Listed

SARA 302/304

Composition/information on ingredients

SARA 304 RQ Not applicable

SARA 311/312 Not applicable

SARA 313 Not applicable

RoofBlock HT

Issue Date 2020.06.08

Revision Date: 2022.01.21

Revision Number 1.2

State regulations

Massachusetts

New Jersey

New York

Pennsylvania

California Prop.65

The following components are listed: Petroleum asphalt

The following components are listed: Petroleum asphalt

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

Regulatory Department

Issuing Date

08-June-2020

Disclaimer

Information provided in this Safety Data Sheet is given in good faith and is, to the best of our knowledge and belief, accurate and reliable. However, since information herein was obtained, in part, from independent suppliers not under the direction and supervision of VAPROSHIELD, the information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. VAPROSHIELD warrants only that it has made no effort to censor other than trade secret information or to conceal deleterious aspects of its products. The information relates only to the specific material designated and may not be valid for material used in combination with other materials or in any process, unless noted in the text.

End of Safety Data Sheet