Conforms to GHS 2026/ United States

Safety Data Sheet

Section 1. Identification

GHS product Identifier 650 Membrane
Other means of identification Not available

Relevant identified use of the substance or mixtures and uses advised against
Polymer modified bitumen membrane used as a waterproofing membrane and vapor retarder on concrete slabs.

Supplier's details Polyguard Products, Inc.
3801 South Interstate 45
Ennis, TX 75119
Tel: (214) 515-5000
Emergency telephone number) with hours of operation) CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

Section 2. Hazards Identification

OSHA/HCS status While this material is not considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) , this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture Not classified

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

GHS label elements
Signal word No signal word
Hazard statement No known significant effects or critical hazards.
Precautionary statements
Prevention Not applicable
Response Not applicable
Storage Not applicable
Disposal Not applicable
Hazards not otherwise classified None known

Section 3. Composition/Information on Ingredients

Substance/Mixture Mixture
Other means of identification Not available
CAS number/other identifiers
CAS number Not applicable
Product code Not applicable
Occupational exposure limits, if available are listed in section 8.

Ingredient name	%	CAS #
Asphalts	**60-80**	**8052-42-4**
Distillates(petroleum), petroleum residues vaccum	**60-80**	**68955-27-1**
Limestone	**15 - 20**	**1317-65-3**
Crystalline Silica, quartz (inpurity)	**0.5 – 1.5**	**14808-60-7**

The exact percentage (concentration) in the composition has been withheld as a trade secret.
None of the components of this article are in a respirable state.

Section 4. First Aid Measures

Description of necessary first aid measures.

Eye contact 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.

Inhalation Because of the nature of this product, inhalation is not a route of exposure.

Skin contact Material is in a solid form. If skin contact wash area with soap and water. Get medical attention if skin irritation occurs.

Ingestion Ingestion is not a route of exposure.

Most important symptoms/effects, acute and delayed

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

Over-exposure signs/symptoms

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

Indication of immediate medical attention and special treatment needed, if necessary.

Notes to physician: Treat symptomatically.

Specific treatments No specific treatment

Protection of first aiders No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media Use an extinguishing 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 isolate the scene by removing all persons from the vicinity of the incident is 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 unsuitable materials. See also the information in "For non-emergency personnel."

Enviromental 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, including any incompatibilities Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry cool and well-ventilated area away from incompatible materials (see section 10) and food and drink.

Section 8. Exposure Controls/Personal Protection

Occupational exposure limits

Ingredient name	Exposure limits
Asphalt	**NIOSH REL (United States, 10/2016)** CEIL: 5 mg/m^3 15 minutes. Form: fume **ACGIH TLV (United States, 3/2019)** TWA: 0.5 mg/m^3 , (as benzene soluble aerosol) 8 hours. Form: inhalable fraction.
Distillates(petroleum), petroleum residues vaccum	None
Limestone	**NIOSH REL (United States, 10/2016)** TWA: 10 mg/m^3 (total) TWA 5 mg/m^3 (respirable) **OSHA PEL (United States, 2/2013)** TWA: 15 mg/m^3 (total) TWA 5 mg/m3 (respirable)
Crystalline Silica, quartz (inpurity)	**NIOSH REL (United States, 10/2016)** Ca TWA: 0.05 mg/m^3

Appropriate engineering controls No special ventilation requirements. Good ventilation should be sufficient to control worker exposure to airborne contaminant.

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.

Section 8. Exposure Controls/Personal Protection

Skin Protection

Hand protection	Chemical- resistant, imprevious 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 preformed 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 preformed 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

Appearance

Physical state	Solid
Color	Black
Odor	Asphaltic(slight)
Odor threshold	Not available
Melting point	Not available
Boiling point	Not applicable
Flammability (solid, gas)	Not applicable
Lower & upper explosive (flammable) limits	Not applicable
Flash Point	Not determined
Auto- ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH	Not applicable
Kinematic Viscosity	Not applicable
Solubility	Insoluble in water
Partition coefficient: n- octanol/water	Not available
Vapor density	Not applicable
Evaporation rate:	Not applicable
Relative density	1.09
Relative vapor density	Not applicable
Particle characteristics	Not applicable
VOC	0 g/l

Section 10. Stability and Reactivity

Reactivity	No specific test data related to reactivity is 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 reactions will not occur.
Conditions to avoid:	No specific data.
Incompatible materials	Reactive or incompatible with the following materials: Oxidizing materials
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should n be produced.

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Asphalt	LD50 Oral	Rat	>5000 mg/kg	-
Limestone	LD50 Oral	Rat	6450 mg/kg	-
Crystalline Silica, quartz (inpurity)	LD50 Oral	Rat Mouse	500 mg/kg	-

Irritation/Corrosion There is no data available
Sensitization There is no data available
Mutagenicity There is no data available
Carcinogenicity- Classification

Product/ingredient name	OSHA	IARC	NTP
Asphalt	-	2B	-
Crystalline Silica, quartz (inpurity)	-	1	-

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 exposure
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

Section 11. Toxicological Information

Numerical measures of toxicity
Acute toxicity estimates There is no data available

Section 12. Ecological Information

Toxicity No data is available
Persistence and degradability There is no data available
Bioaccumulative potential There is no data available
Mobility in soil
Soil/water partition coefficient (K_{OC}) There is no data available.
Other adverse effects No known significant effects or critical hazards

Section 13. Disposal Considerations

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 14. Transportation Information

Regulatory Information: This product is not regulated for DOT/TDG/IMDG & IATA

Section 15. Regulatory Information

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

State regulations
Massachusetts The following components are listed: Petroleum asphalt
New Jersey The following components are listed: Petroleum asphalt
New York None of the components are listed
Pennsylvania The following components are listed: Petroleum asphalt
California Prop.65 None of the components are listed on Prob 65 list dated 7-31-2026.

16. Other Information

Date of revision 11/4/26
Date of previous issue 12/17/27
Revisions Updates format to GHS 2026 requirements.
Version 7
Prepared by C. Rogalski

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