**Conforms to HazCom 2012/ United States**

# *Safety Data Sheet*

## Section 1. Identification

**GHS product Identifier** 650 PRM
**Other means of identification** Not available

**Relevant identified use of the substance or mixtures and uses advised against**
Polymer modified bitumen membrane used to create a barrier to water and moisture vapor entry. Formerly known as Underseal PRM Membrane.

**Supplier's details** Polyguard Products, Inc.
3801 South Interstate 45
Ennis, TX 75119
Tel: (214) 515-5000 (M-F 7 am-5 pm CST)

**Emergency telephone number) with hours of operation)** CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

## Section 2. Hazards Identification

**This product is classified as a non-hazardous per OSHA 1910.1200. This product is defined as an "article". A manufactured item that is formed to a specific shape or desogn during manufacture that does not release or result in exposure to a hazardous chemical under normal use conditions.**

## Section 3. Composition/Information on Ingredients

**Substance/Mixture** Mixture
**Other means of identification** Not available

| Ingredient name | % | CAS # |
|---|---|---|
| **Asphalt** | **50-60** | **8052-42-4** |
| **Distillates( petroleum), petroleum residues vaccum** | **1-5** | **68955-27-1** |
| **Limestone** | **10 – 20** | **1317-65-3** |
| **Crystalline Silica, quartz (inpurity)** | **<1** | **14808-60-7** |

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

**Description of necessary first aid measures.**
**Eye contact** Flush with water for at least 15 minutes. If pain or irritation persists, consult a physician.
**Inhalation** Not likely in current form.
**Skin contact** Wash with soap and water. In case of irritation, consult physician.
**Ingestion** Not likely in current form.
**Most important symptoms/effects, acute and delayed**
**Potential acute health effects**
**Eye contact** May cause eye irritation
**Inhalation** Not applicable.
**Skin contact** Irritation and redness.
**Ingestion** Not known.

## 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** | Generation of toxic fumes from burning product. |
| **Special Fire Fighting Procedures** | For large fires in confined areas use approved self-contained breathing apparatus (SCBA). Use water fog or spray to protect exposed equipment and containers. |

## Section 6. Accidental Release Measures

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

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|---|---|
| **For emergency responders** | No special measures required. |

**Methods and materials for containment and cleaning up**

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

## Section 7. Handling and Storage

**Precautions for safe handling**

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|---|---|
| **Protective measures** | Don appropriate personal protective equipment (see Section 8). Avoid exposure-obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get into your eyes. Do not swallow. Store away from heat, sparks, open flames, and other ignition sources. |
| **Advice on general occupational hygiene** | Eating, drinking, and smoking should be prohibited in areas where material is handled, stored, and processed. Workers should wash their hands and face before eating, drinking, and smoking. See section 8 for additional information on hygiene measures. |
| **Condition for safe storage including any incompatibilities** | Store in accordance with local regulations. Store protected from direct sunlight in a dry cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. |

## Section 8. Exposure Controls/Personal Protection

**Occupational exposure limits**

| Ingredient name | Exposure limits |
|---|---|
| Asphalt | **NIOSH REL**<br>CEIL: 5 mg/m$^3$ 15 minutes. Form: fume<br>**ACGIH TLV**<br>TWA: 0.5 mg/m$^3$ , (inhalable fume) |
| Limestone | **NIOSH REL (United States, 10/2016)**<br>TWA: 10 mg/m$^3$ (total) TWA 5 mg/m$^3$ (respirable)<br>**OSHA PEL ( United States, 2/2013)**<br>TWA: 15 mg/m$^3$ (total) TWA 5 mg/m3 ( respirable) |
| Crystalline Silica, quartz (inpurity) | **NIOSH REL (United States, 10/2016)**<br>Ca TWA: 0.05 mg/m$^3$<br>**OSHA PEL**<br>TWA 50 µg/m$^3$ |

| | |
|---|---|
| **Appropriate engineering controls** | No special ventilation requirements. 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. |

## Section 8. Exposure Controls/Personal Protection

| | |
|---|---|
| **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, 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 backing/ Black adhesive layer. |
| **Odor** | Asphaltic(slight) |
| **Odor threshold** | Not available |
| **pH** | Not applicable |
| **Melting point** | Not available |
| **Boiling point** | Not applicable |
| **Flash Point** | Not determined |
| **Evaporation rate:** | Not applicable |
| **Flammability (solid, gas)** | Not applicable |
| **Lower & upper explosive (flammable) limits** | Not applicable |
| **Vapor density** | Not applicable |
| **Vapor pressure** | Not applicable |
| **Relative density** | 1.09 |
| **Solubility** | Insoluble in water |
| **Partition coefficient: n- octanol/water** | Not available |
| **Auto- ignition temperature** | Not applicable |
| **Decomposition temperature** | Not applicable |
| **Viscosity** | Not applicable |
| **VOC** | 0 g/l |

## Section 10. Stability and Reactivity

**Reactivity** No data available.
**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 data available
**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 not be produced.

## Section 11. Toxicological Information

**Information on toxicological effects**
**Acute toxicity**

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|---|---|---|---|
| Petroleum Asphalt | LD50 Oral | Rat | > 5000 mg/kg | - |
| Limestone | LD50 Dermal | Rabbit | > 2000 mg/kg | - |
| Crystalline Silica, quartz | LD50 Oral | Rat | 6450 mg/kg | - |
| ( impurity) | 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 ( Impurity) | - | 1 | - |

## Section 12. Ecological Information

**Toxicity**

**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

| | |
|---|---|
| **AERG:** | Not applicable |
| **Regulatory Information:** | |
| **DOT/TDG/IMDG/IATA** | Not regulated |

## Section 15. Regulatory Information

| | |
|---|---|
| **U.S. Federal regulations:** | **United States inventory (TSCA):** all components are listed or exempted |

**Composition/information on ingredients**

| | |
|---|---|
| **SARA 304 RQ** | Not applicable |
| **SARA 311/312** | Not applicable |
| **SARA 313** | Not applicable |
| **State regulations** | |
| **Massachusetts** | The following components are listed: Petroleum asphalt |
| **New Jersey** | The following components are listed: Petroleum asphalt |
| **Pennsylvania** | The following components are listed: Petroleum asphalt |
| **California Prop.65** | None of the components are listed on the Prob 65 list dated 12-29-2023. |

## 16. Other Information

| | |
|---|---|
| **Date of revision:** | **12/18/2024** |
| **Date of previous issue** | **3/26/2020** |
| **Revisions:** | **Update address** |
| **Version** | **6** |
| **Prepared by** | **C. Rogalski** |

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