

# SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and Canadian WHMIS Regulations.

**IMPORTANT: Read this SDS before handling and disposing of this product.**

**Pass this information on to employees, customers and users of this product.**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** Jiffy Seal Ice and Water Guard HT 40 (09\_2019)

**Intended Use:** Construction Waterproofing Material

**Manufacturer:** Protecto Wrap Company

1955 South Cherokee Street

Denver, CO 80223

**Telephone:** (303) 777-3001

**Fax:** (303) 777-9273

**Internet:** www.protectowrap.com

**Emergency Phone:** ChemTel: Domestic 800-255-3924, International 813-248-0585, Mexico 800-099-0731

**Prepared by:** Protecto Wrap Company, 1955 S Cherokee St., Denver, CO 80223 (800) 759-9727

## 2. HAZARDS IDENTIFICATION

This product is a black, opaque solid with a polymer sheeting on one side with a slight odor. Product is not flammable but will burn under fire conditions. In accordance with the definition in the OSHA Hazard Communication Standard, 29CFR 1910.1200 and the Canadian CPR, this product is considered a manufactured article. Under normal conditions of use, it presents no health or physical hazards. If heated, hazardous vapors may be produced. Inhalation may cause irritation of the nose, throat and respiratory system. Potential cancer hazards based on animal data.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Component          | CAS No.     | Amount | Exposure Limit                                       |
|------------------------------|-------------|--------|--|
| Asphalt (petroleum; bitumen) | 8052-42-4   | 40-60% | 0.5 mg/m <sup>3</sup> TLV-TWA                        |
| Inorganic Filler             | Proprietary | 20-50% | 5 mg/m <sup>3</sup> PEL-TWA<br>(respirable fraction) |

**Non-Hazardous Components >1%:** Resins and Polymers 5-15%

## 4. FIRST AID MEASURES

**EYE:** None normally required. If dust or fumes or fumes enter eyes, flush eyes with large quantities of water. Get medical attention if irritation persists.

**SKIN:** No first aid required for normal handling. If rash or irritation develop, get medical attention.

**INGESTION:** Not a normal use of exposure.

**INHALATION:** None required for normal handling. If product is heated and exposure to fumes occurs, remove victim to fresh air. Get medical attention.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use foam or dry chemical to extinguish fire. Use fog nozzles if water is used. Water streams may cause violent eruptions and spread the burning of asphalt. Use water to cool fire exposed containers and structures.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Product will burn if exposed to elevated temperatures or fire. Hot asphalt may ignite flammable mixtures on contact. Toxic vapors including hydrogen sulfide may be released upon combustion. Hydrogen sulfide vapors are heavier than air, may accumulate in low areas and flashback if ignited.

**SPECIAL FIRE-FIGHTING INSTRUCTIONS:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Do not allow run-off from firefighting to enter drains or water courses.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, sulfur oxides, hydrogen sulfide, acrolein, benzaldehydes, aldehydes, ketones and unidentified organic compounds may be formed on combustion.

**EXPLOSION DATA (sensitivity to mechanical impact or static discharge):** None known.

## 6. ACCIDENTAL RELEASE MEASURES

Pick up and place into an appropriate container for disposal or use.

## 7. HANDLING AND STORAGE

**Jiffy Seal Ice and Water Guard HT 40**  
**09\_2019**

**HANDLING:** No special handling required for normal use. Wash hands with soap and water. If product is heated, avoid breathing fumes and heat only outdoors or in a very well ventilated area.

**STORAGE:** Store in a cool, well ventilated area away from excessive heat and sources of ignition.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE GUIDELINES:** Refer to Section 2.

**ENGINEERING CONTROLS:** General ventilation should be adequate for normal use. **RESPIRATORY PROTECTION:** None needed under normal conditions of use. For firefighting, use self-contained breathing apparatus.

**SKIN PROTECTION:** Use leather or cotton gloves to avoid contact.

**EYE PROTECTION:** Safety glasses should be worn if contact is possible.

**OTHER:** Wear long sleeved shirt and long pants to avoid skin contact. Wash thoroughly after handling.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE AND ODOR:** Black, opaque solid with a white polyethylene sheeting on one side with no odor.

**PHYSICAL STATE:** Solid

**BOILING POINT:** Not applicable

**VAPOR PRESSURE:** Not applicable

**VAPOR DENSITY:** Not applicable

**EVAPORATION RATE:** Not applicable

**SOLUBILITY IN WATER:** Insoluble

**BULK DENSITY:** 15.723 pounds/gallon

**SPECIFIC GRAVITY:** 1.88

**pH:** NA

**OCTANOL/WATER COEFFICIENT:** No data available

**VOC CONTENT:** 0%

**FLASH POINT:** >320° F

**FLAMMABLE LIMITS:** LEL: Not applicable UEL: Not applicable

**AUTOIGNITION TEMPERATURE:** Not determined

#### **10. STABILITY AND REACTIVITY**

**STABILITY:** Stable under normal storage and handling conditions.

**INCOMPATIBILITY:** Strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, sulfur oxides, hydrogen sulfide, acrolein, aldehydes, ketones and unidentified organic compounds.

**HAZARDOUS POLYMERIZATION:** Will not occur.

#### **11. TOXICOLOGICAL INFORMATION**

**INGESTION:** No adverse effects are expected from normal use. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**INHALATION:** No adverse effects expected from normal use. Vapors released from heating product may cause respiratory irritation. At elevated temperatures hydrogen sulfide may be released. The release of hydrogen sulfide gas in various concentrations may cause irritation of the eyes and respiratory tract, headache, dizziness, nausea and drowsiness. Exposure to high concentrations of hydrogen sulfide can cause respiratory arrest and death.

**EYE:** Dust may cause mechanical irritation.

**SKIN:** No adverse effects expected from normal use.

**SENSITIZATION:** This product is not expected to cause sensitization.

**CHRONIC/CARCINOGENICITY:** No exposure expected from normal use. Asphalt (petroleum, bitumen) is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B.

**MUTAGENICITY:** No adverse effects from available data.

**SYNERGISTIC PRODUCTS:** None specifically known.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None expected.

**ACUTE TOXICITY VALUES:**

Asphalt: Oral Rat LD50 - >5.0 g/kg  
Skin Rabbit LD50 - > 2.0 g/kg  
Skin Rabbit LD50 – 14100 uL/kg  
Inorganic Filler: No acute toxicity data available

## 12. ECOLOGICAL INFORMATION

No ecotoxicity data is available for this product currently.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

## 14. TRANSPORT INFORMATION

### DOT HAZARDOUS MATERIALS DESCRIPTION:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

## 15. REGULATORY INFORMATION

**CERCLA/SUPERFUND:** This product is not subject to CERCLA reporting requirements.

**SARA HAZARD CATEGORY (311/312):** Chronic Health

**SARA 313 INFORMATION:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA INVENTORY:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

### CALIFORNIA PROPOSITION 65

This product contains the following chemicals known to the State of California to cause cancer:  
None

### CANADA:

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

**CANADIAN WHMIS CLASSIFICATION:** Not a controlled product (manufactured article).

**CANADIAN CEPA:** All the components of this product are listed on the Canadian DSL.

## 16. OTHER INFORMATION

**NFPA RATING:** Health = 1      Fire = 1      Reactivity = 0

**HMIS RATING:** Health = 1<sup>i</sup>      Fire = 1      Reactivity = 0

### NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore, users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their purposes and they assume all risks of their use, handling and disposal of the product. Users also assume all risks regarding the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.

<sup>i</sup> See Section 11 – Toxicological Information