

# Safety Data Sheet

Version: 6.0



Preparation Date: June, 2017

Supersedes All Previous Versions

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

|                                     |   |   |
|-------------------------------------|---|---|
| <b>Product Name:</b>                | <b>PROPATCH</b>                             |   |
| <b>Product Use:</b>                 | Road Repair                                 |   |
| <b>Manufacturer/Distributor:</b>    | Innovative Surface Solutions                |   |
|                                     | 78 Orchard Road<br>Ajax, Ontario<br>L1S 6L1 | 454 River Road<br>Glenmont, NY<br>12077 |
| <b>Telephone:</b>                   | 1-800-387-5777                              | 1-800-257-5808                          |
| <b>24-Hour Emergency Telephone:</b> | 1-800-424-9300                              |   |
| <b>WHMIS Classification:</b>        | Not controlled                              |   |

## SECTION 2: HAZARD(S) IDENTIFICATION

|   |  |  |
|---|--|--|
|  | <p>Toxic – Harmful by inhalation.</p> <p>Irritant: Causes eye, skin and inhalation irritation.<br/>Use proper engineering controls, work practices, and personal protective equipment.</p> <p>Read MSDS for details.</p> | <br><b>Eye Protection</b> <b>Gloves</b> |
|---|--|--|

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Components     | CAS #     | % by Weight |
|----------------|-----------|-------------|
| Aggregate      | -         | 95.0%       |
| Asphalt Cement | 8052-42-4 | 4.0 – 6.0   |

## SECTION 4: FIRST-AID MEASURES

|                   |   |
|-------------------|---|
| <b>Eye</b>        | For contact with cold patch asphalt, rinse eyes thoroughly with water for at least 15 minutes. Seek medical attention. For contact with hot product, flush with large amounts of water for at least 15 minutes. Immediately call a physician.   |
| <b>Skin</b>       | Wash with cool water and a pH neutral soap or a mild skin detergent. Do not use solvents or thinners to remove product from skin.<br>Seek medical attention for rash, irritation, and dermatitis.<br>For contact with hot product, immerse or flush skin with cold water for at least 15 minutes. Call a physician. Do not attempt to remove solidified product, since removal may cause further tissue injury. |
| <b>Ingestion</b>  | Do not induce vomiting. If conscious, have person drink plenty of water. Seek medical attention or contact poison control center immediately.   |
| <b>Inhalation</b> | Move person to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.  |

## SECTION 5: FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>               | Appropriate extinguishing media Choose media depending on surrounding fire. All extinguishing medias are allowed. |
| <b>Specific Hazards Arising from the Chemical</b> | Combustible solid. Avoid breathing fumes. Toxic gases produced in fire, such as CO, CO2, and H2S.                 |
| <b>Protective Equipment and Precaution</b>        | Protective actions and / or special protective equipment depending on surrounding fire.                           |

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **General & Water Disposal**

Use a shovel to scrape up product and place it into suitable containers for recovery or disposal. Do not wash cold patch asphalt down sewage and drainage systems or into bodies of water (e.g. streams).

Dispose of cold patch asphalt according to Federal, State, Provincial and Local regulations.

### **Protective Equipment and Exposure Control**

See Section 9 for details

## **SECTION 7: HANDLING & STORAGE**

### **Precaution for Safe Handling**

Cold patch asphalt is heavy and poses risks such as sprains and strains to the back, arms, shoulders, and legs during lifting and mixing. Handle with care and use appropriate control measures. Do not stand on stockpiles of cold patch asphalt, they may be unstable.

Avoid contact with skin, eyes and clothing. Use additional precautions when handling hot product. Maintain employee exposure levels below established regulatory limits. Do not allow hot product to contact skin. Use all appropriate Personal Protective Equipment (PPE) described in Section 9 below.

### **Safe Storage / Incompatibilities**

Store in properly closed containers that are appropriately labeled and in a cool, well-ventilated area. Do not expose to heat, open flames, strong oxidizers, or other sources of ignition.

## **SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

### **Exposure Control**

Under ordinary circumstances, engineering controls are not required. Use local exhaust or general dilution ventilation when using at elevated temperatures or during activities that generate fumes, to maintain levels below exposure limits.

### **Respiratory Protection**

Under ordinary conditions no respiratory protection is required. Wear a NIOSH approved respirator that is properly fitted and is in good condition when exposed to dust or fumes above exposure limits.

### **Skin Protection**

Wear leather or cloth work gloves to prevent skin contact and insulated gloves when handling hot product. Thoroughly wash hands and other exposed skin after exposure to cold patch asphalt

### **Eye Protection**

Wear CSA/ANSI approved safety goggles or face shield when handling cold patch asphalt to prevent contact with eyes.

### **Foot Protection**

Wear CSA/ANSI approved hard-toed safety boots when handling cold patch asphalt.

## **SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

### **Physical State:**

Granular Solid

### **Appearance | Odor:**

Black Solid / Slight Petroleum odor

### **Vapor Pressure :**

Not Available

### **Vapor Density:**

Not Available

### **Specific Gravity:**

Not Available

### **Evaporation Rate:**

Not Available

### **Solubility in Water:**

Insoluble

### **pH:**

Not Available

### **Boiling Point:**

Not Available

## **SECTION 10: STABILITY & REACTIVITY**

### **Reactivity / Chemical Stability**

Stable. Avoid contact with incompatible materials, excessive heat, sources of ignition, and open flame.

### **Incompatible Material**

Cold patch asphalt is incompatible with strong acids or bases, and oxidizing agents such as nitrates, chlorates and peroxides.

### **Hazardous Decomposition Products**

When heated may liberate hydrogen sulfide and various hydrocarbons

## **SECTION 11: TOXICOLOGICAL INFORMATION**

|                              |   |
|------------------------------|---|
| <b>Ingestion</b>             | Ingestion may result in nausea, vomiting, diarrhea, and restlessness.   |
| <b>Inhalation</b>            | When heated, cold patch asphalt may release irritating fumes or vapors such as smoke carbon dioxide, carbon monoxide, and unburned hydrocarbons. Hydrogen sulfide and other sulfur-containing gases can evolve from this product at elevated temperatures. Exposure to fumes or vapors may cause irritation of the nose and throat, and symptoms such as headache, dizziness, loss of coordination, and drowsiness. |
| <b>Eye</b>                   | Eye contact with cold patch asphalt can cause moderate eye irritation, redness, and itching. Eye exposures require immediate first aid to prevent damage to the eye. If heated, hot product will cause severe thermal burns.  |
| <b>Skin</b>                  | Cold patch asphalt may cause dry skin, discomfort, irritation, and dermatitis. Repeated contact may cause skin irritation from abrasion and asphalt cement. If heated, hot product will cause severe thermal burns.   |
| <b>Carcinogenicity</b>       | Not Available   |
| <b>Reproductive Toxicity</b> | Not Available   |
| <b>Oral (rate) LD 50</b>     | Not Available   |
| <b>Appraisal</b>             | Not Available   |

## **SECTION 12: ECOLOGICAL INFORMATION**

|                                      |   |
|--------------------------------------|---|
| <b>Eco toxicity</b>                  | For questions regarding toxicological and ecological information refer to contact information in Section 1. |
| <b>Persistence and Degradability</b> | Not applicable.   |
| <b>Bio accumulative Potential</b>    | No data available.  |
| <b>Mobility in Soil</b>              | No data available.  |
| <b>Other Adverse Effects</b>         | None known.   |

## **SECTION 13: DISPOSAL CONSIDERATIONS**

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

## **SECTION 14: TRANSPORT INFORMATION**

|   |                                       |
|---|---------------------------------------|
| <b>US DOT or Canadian TDG regulations</b> | Not classified as Hazardous material. |
| <b>Proper Shipping Name</b>               | Not regulated                         |
| <b>UN Number</b>                          | None                                  |
| <b>Hazard Class / packing Group</b>       | None                                  |
| <b>Label Required</b>                     | None                                  |

## **SECTION 15: REGULATORY INFORMATION**

|  |   |
|--|---|
| <b>OSHA/MSHA Hazard Communication:</b> | This product is considered by OSHA/MSHA to be a hazardous chemical and should be included in the employer's hazard communication program.   |
| <b>CERCLA/SUPERFUND:</b>               | This product is not listed as a CERCLA hazardous substance.   |
| <b>EPCRA SARA Title III:</b>           | This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 and is considered to be an acute health hazard irritation).   |
| <b>EPRCA SARA Section 313:</b>         | This product contains none of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.   |
| <b>RCRA:</b>                           | If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. |
| <b>TCSA:</b>                           | This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.   |
| <b>WHMIS/DSL:</b>                      | D2A   |

## **SECTION 16: PREPARATION INFORMATION**

|                          |                              |
|--------------------------|------------------------------|
| <b>Prepared By:</b>      | Innovative Surface Solutions |
| <b>Telephone:</b>        | 905-427-0318                 |
| <b>Preparation Date:</b> | June, 2017                   |
| <b>Superseded Date:</b>  | ALL PREVIOUS VERSIONS        |