



# SAFETY DATA SHEET (SDS)

## *WATERBASED UNDERCOATING*

### SECTION 1: IDENTIFICATION

**Product Name:** Waterbased Undercoating  
**Product Use:** Waterbased Asphalt Undercoating  
**Product Code(s):** S-700WBU, S-760WBU, S-720WBU, 701WBU

**Supplier:**  
Sym-Tech Inc.  
P.O. Box 430, Stn A  
Scarborough ON  
M1K 5C3  
1-800-363-5796  
**Emergency Tel.**

1-613-996-6666 CANUTEC for 24HR emergency information

### SECTION 2: HAZARD(S) IDENTIFICATION

**GHS HAZARD CLASSIFICATION:**

**Classification of Substance of mixture:**

|                              |                |
|------------------------------|----------------|
| <b>Physical Hazards</b>      | Not Classified |
| <b>Health Hazards</b>        | Not Classified |
| <b>Environmental Hazards</b> | Not Classified |
| <b>OSHA defined Hazards</b>  | Not Classified |

**LABEL ELEMENTS:**

|                         |   |
|-------------------------|---|
| <b>Signal Word</b>      | None  |
| <b>Hazard Label</b>     | None  |
| <b>Hazard Statement</b> | The Mixture does not meet the criteria for classification |

**Prevention:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and smoking.

**Response:**

Wash hands after handling.

**Storage:**

Store away from incompatible materials.

**Disposal:**

Dispose of waste and residues in accordance with local authority requirements.

## **SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS**

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations

| <b>Ingredients / Chemical Designations</b>      | <b>Weight %</b> |
|---|-----------------|
| <b>Asphalt</b><br>CAS Number: 8052-42-4         | 40-≤ 50         |
| <b>Water</b><br>CAS Number 7732-18-5            | 40-≤ 50         |
| <b>Cellulose</b><br>CAS Number 9004-34-6        | ≤ 1             |
| <b>Kaolin</b><br>CAS Number 1332-58-7           | ≤ 0.2           |
| <b>Other components below reportable levels</b> | 0 - 10          |

\*Designates that in accordance with paragraph (i) of § 1910.1200, the specific chemical identity/or exact percentage (concentration) of composition has been withheld as a trade secret.

## **SECTION 4: FIRST-AID MEASURES**

### **General:**

In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### **Inhalation:**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call physician if symptoms develop or persist.

### **Skin:**

If clothing sticks to the skin, do not remove. Lotion or hand cream may aid in the removal of asphalt. Wash contact areas with soap and water. If needed, seek medical attention.

### **Eyes:**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

### **Ingestion:**

Rinse mouth. Do not induce vomiting. Get medical attention immediately. If ingestion of a large amount does occur, call a poison control center immediately.

### **4.2 Most important symptoms and effects, both acute and delayed**

#### **Overview:**

#### **Effects of Over exposure:**

#### **Inhalation:**

Prolonged inhalation may be harmful.

#### **Eye Contact:**

Harmful in contact with eyes. Injuries to the eye may be permanent if not treated immediately.

|                          |   |
|--------------------------|---|
| <b>Skin Contact:</b>     | May cause skin disorders if contact is prolonged.   |
| <b>Ingestion:</b>        | Expected to be low ingestion hazard.  |
| <b>Chronic Exposure:</b> | Prolonged skin contact may cause dermatitis.  |
| <b>General:</b>          | Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.<br>Treat symptomatically. |

## **SECTION 5: FIRE-FIGHTING MEASURES**

|   |  |
|---|--|
| <b>Explosion Data:</b>  | None   |
| <b>Extinguishing Media:</b>                                   | Foam. Dry Chemical powder. Carbon dioxide (CO <sub>2</sub> ). Do not use water jet as an extinguisher.   |
| <b>Special hazards arising from the substance or mixture:</b> | During fire, gasses hazardous to health may be formed.   |
| <b>Advice for Fire Fighters:</b>                              | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, SCBA. Structural firefighter's protective clothing will only provide limited protection. |
| <b>Fire Fighting equipment instruction:</b>                   | ALWAYS stay away from tanks in flame. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray.           |
| <b>Specific methods:</b>                                      | In the event of fire and/or explosion, do not breathe fumes. In the event of fire, cool tanks with water spray.  |
| <b>General fire Hazards:</b>                                  | No unusual fire or explosion hazards notes.  |

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

|   |   |
|---|---|
| <b>Personal precautions, protective equipment and emergency procedures:</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. For personal protection, see section 8.         |
| <b>Environmental Precautions:</b>   | Do not allow spills to enter drains or waterways. Avoid discharge into water courses or onto the ground.  |
| <b>Methods and material for containment and clean up:</b>                   | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. |

Small Spills: wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Ventilate area and avoid breathing vapours or mist.

Prevent the product or any wash waters from entering the water systems or sewers. Wear a NIOSH/OSHA approved organic vapour canister respirator. Wear protective clothing such as safety eyewear, overalls, impervious boots and chemical resistant gloves.

**SECTION 7: HANDLING AND STORAGE**

**Storage:**

Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see section 10). Do not allow material to freeze.

**Handling:**

Avoid prolonged exposure. Use only in well ventilated areas. Trace amounts of hydrogen sulfide, a very highly toxic gas, may be present with this material. Keep face clear of tank and/or tank car openings. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters:**

**Exposure**

| CAS No.      | Ingredient | Source   | Value   |
|--------------|------------|----------|---|
| 9004-34-6    | Cellulose  | OSHA     | PEL 5mg/m <sup>3</sup>  |
|              |            | ACGIH    | TWA 10mg/m <sup>3</sup>   |
|              |            | NIOSH    | TWA 5mg/m <sup>3</sup> Respirable 10mg/m <sup>3</sup> Total               |
|              |            | Supplier | No Established Limit  |
| 1332-58-7    | Kaolin     | OSHA     | PEL 15mg/m <sup>3</sup> Total Dust 5mg/m <sup>3</sup> Respirable fraction |
|              |            | ACGIH    | TWA 2mg/m <sup>3</sup> Respirable fraction                                |
|              |            | NIOSH    | TWA 10mg/m <sup>3</sup> Total / 5mg/m <sup>3</sup> Respirable             |
|              |            | Supplier | No Established Limit  |
| 0008052-42-4 | Asphalt    | OSHA     | No Established Limit  |
|              |            | ACGIH    | TWA 0.5mg/m <sup>3</sup> Inhalation fraction                              |
|              |            | NIOSH    | Ceiling 5mg/m <sup>3</sup> Fume   |
|              |            | Supplier | No Established Limit  |

No biological exposure limits noted for the ingredients(s)

## Section 8 Con'd

**Exposure controls:****Respiratory Protection:**

When workers are facing concentrations above the exposure limit they must use appropriate respirators.

**Skin Protection:**

Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves.

**Eye Protection:**

Chemical goggles and face shield are recommended. Wear safety glasses with side shields (or goggles).

**Engineering Controls:**

Good ventilation (typically 10 air exchanges per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Thermal Hazards:**

Wear appropriate thermal protective clothing when necessary.

**Other Work Practices:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

See section 2 for further details – (Prevention)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|   |                             |
|---|-----------------------------|
| <b>Appearance:</b>                                      | Heavy-consistency emulsion  |
| <b>Odour:</b>   | Mild petroleum Odor         |
| <b>Odour Threshold:</b>                                 | Not applicable              |
| <b>pH:</b>  | 5-7                         |
| <b>Melting Point / Freezing Point:</b>                  | Not applicable              |
| <b>Initial Boiling point and boiling range:</b>         | >212°F (>100°C)             |
| <b>Flash Point:</b>                                     | >212.0°F (>100.0°C)         |
| <b>Evaporation rate (Ether = 1):</b>                    | Not applicable              |
| <b>Flammability (solid, gas):</b>                       | Not available               |
| <b>Upper / Lower flammability or explosive limits:</b>  | Not applicable              |
| <b>Vapour Pressure (Pa):</b>                            | 60mm Hg at 100°F, approx.   |
| <b>Vapour Density:</b>                                  | Not applicable              |
| <b>Relative Density:</b>                                | Not applicable              |
| <b>Specific Gravity:</b>                                | 1.1-1.2                     |
| <b>Solubility in Water:</b>                             | Slightly soluble            |
| <b>Partition coefficient n-octanol/water (Log Kow):</b> | Not applicable              |
| <b>Auto-ignition Temperature:</b>                       | >400°F (>204.44°C)          |
| <b>Decomposition Temperature:</b>                       | Not measured                |
| <b>Flammability:</b>                                    | Combustible III B Estimated |
| <b>VOC Content:</b>                                     | 0.2lbs per gal              |
| <b>Density:</b>   | 9-10 lbs per gal            |
| <b>Percent Solids (by weight):</b>                      | Not measured                |

|                                      |              |
|--------------------------------------|--------------|
| <b>Percent Volatile (by weight):</b> | Not measured |
| <b>Percent Solids (by volume):</b>   | Not measured |
| <b>Physical State:</b>               | Liquid       |
| <b>Form:</b>                         | Liquid       |
| <b>Color:</b>                        | Black        |

## SECTION 10: STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Chemical Stability:</b>               | Stable under normal circumstances   |
| <b>Reactivity:</b>                       | The product is stable and non-reactive under normal conditions of use, storage and transport.   |
| <b>Hazardous Polymerization:</b>         | Will not occur  |
| <b>Materials to Avoid:</b>               | Strong oxidizing agents   |
| <b>Conditions to Avoid:</b>              | Avoid temperatures exceeding the flashpoint. Contact with incompatible materials. Do not overheat product.  |
| <b>Hazardous Decomposition Products:</b> | Upon decomposition this product may yield sulfur dioxide, carbon monoxide, Carbon Dioxide and/or low molecular weight hydrocarbons. Hydrogen Sulfide. |

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity:

| Ingredient              | Oral LD50<br>mg/kg | Skin LD50,<br>mg/kg | Inhalation Vapour<br>LC50, mgL/4hr | Inhalation Dust /<br>Mist LC50 mg/L/4hr | Inhalation Gas<br>LC50 ppm |
|-------------------------|--------------------|---------------------|------------------------------------|---|----------------------------|
| Kaolin<br>CAS 1332-58-7 | >5000mg/kg,<br>Rat | >5000mg/kg,<br>Rat  | No data available                  | No data available                       | No data available          |

| Classification                  | Category | Hazard Description   |
|---------------------------------|----------|--|
| Acute Toxicity (oral)           | ---      | Expected to be low ingestion hazard.   |
| Acute Toxicity (dermal)         | ---      | No adverse effects due to skin contact are expected  |
| Acute Toxicity (inhalation)     | ---      | Prolonged inhalation may be harmful  |
| Skin corrosion / irritation     | ---      | Prolonged skin contact may cause temporary irritation  |
| Serious eye damage / irritation | ---      | Harmful in contact with eyes   |
| Respiratory sensitization       | ---      | Not Applicable   |
| Skin sensitization              | ---      | May cause skin disorders if contact is repeated or prolonged   |
| Germ cell mutagenicity          | ---      | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
|                                 |          |  |

|                          |     |   |
|--------------------------|-----|---|
| Section 9 Con'd          |     |   |
| Carcinogenicity          | --- | <p><b>IARC Monographs, Overall Evaluation of Carcinogenicity</b></p> <p>Asphalt (CAS 8052-42-4)</p> <p>2B Possible carcinogenic to humans<br/>3 Not classifiable as to carcinogenicity to humans</p> <p><b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b><br/>Not listed.</p> |
| Reproductive toxicity    | --- | Not classified  |
| STOT – single exposure   | --- | Not classified  |
| STOT – repeated exposure | --- | Not classified  |
| Aspiration Hazard        | --- | Not Available   |

## **SECTION 12: ECOLOGICAL INFORMATION**

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | Not expected to be harmful  |
| <b>Persistence and Degradability</b> | No data is available on the degradability of this product   |
| <b>Bioaccumulative Potential</b>     | No data available   |
| <b>Mobility in Soil</b>              | No data available   |
| <b>Other Adverse Effects</b>         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

## **SECTION 13: DISPOSAL CONSIDERATIONS**

|  |   |
|--|---|
| <b>Disposal Instructions</b>                   | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. No components are identified as hazardous wastes. Disposal recommendations are based on uncontaminated material.            |
| <b>Local Disposal Regulations</b>              | Dispose in accordance with all applicable regulations.  |
| <b>Hazardous Waste Code</b>                    | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Not applicable.  |
| <b>Waste from Residues and Unused Products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (See: Disposal instructions). Avoid discharge into water courses or onto the ground. |
| <b>Contaminated Packaging</b>                  | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain residue, follow label warnings even after container is emptied.  |

**SECTION 14: TRANSPORT INFORMATION**

|   |                                   |
|---|-----------------------------------|
| <b>DOT</b>  | Not regulated as dangerous goods. |
| <b>IATA</b>   | Not regulated as dangerous goods. |
| <b>IMDG</b>   | Not regulated as dangerous goods. |
| <b>Transport in bulk according to Annex II Of MARPOL 73 and 78 and the IBS Code</b> | Not available                     |

**SECTION 15: REGULATORY INFORMATION**

|   |   |
|---|---|
| <b>US Federal Regulations</b>   | All components are on the U.S. EPA TSCS Inventory List.                                     |
| <b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>                | Not Registered  |
| <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>                               | Asphalt (CAS 8052-42-4) Listed  |
| <b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>           | Not listed  |
| <b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>                  |   |
| <b>Hazard Categories:</b>   |   |
| <b>Immediate Hazards:</b>   | No  |
| <b>Delayed Hazard:</b>  | No  |
| <b>Fire Hazards:</b>  | No  |
| <b>Pressure Hazards:</b>  | No  |
| <b>Reactivity Hazard:</b>   | No  |
| <b>SARA 302 Extremely Hazardous Substance</b>                                       | Not listed  |
| <b>SARA 331 and 312 Hazardous Chemical</b>  | No  |
| <b>SARA 313 (TRI reporting)</b>   | Not regulated   |
| <b>Other Federal Regulations</b>  | Clean Air act (CAA) Section 112 Hazardous Air Pollutants (HAP s) List                       |
| <b>Clean Air Act (CAA Section 112 Accidental Release Prevention (40 CFR 68.130)</b> | Not regulated   |
| <b>US State Regulations</b>   | Warning: This product contains a chemical known to the state of California to cause cancer. |
| <b>Massachusetts RTK- Substances</b>  | Asphalt (CAS 8052-42-4)<br>Cellulose (CAS 9004-34-6)<br>Kaolin (CAS 1332-58-7)              |
| <b>New Jersey Worker &amp; Community RTK</b>  | Not regulated   |
| <b>Pennsylvania RTK - Hazardous Substances</b>                                      | Asphalt (CAS 8052-42-4)<br>Cellulose (CAS 9004-34-6)<br>Kaolin (CAS 1332-58-7)              |

**Rhode Island RTK**

Not regulated

**California Proposition 65**

Warning: This product contains a chemical known to the state of California to cause cancer.

**California Proposition 65 – CRT: Listed date as a Carcinogenic Substance**

Asphalt (CAS 8052-42-4) Listed: January 1, 1990

**Internal Inventories:**

| <b>Country or Region</b> | <b>Inventory Name</b>  | <b>On Inventory (yes or no)</b> |
|--------------------------|--|---------------------------------|
| Australia                | Australian Inventory of Chemical Substances (AICS)                     | Yes                             |
| Canada                   | Domestic Substances List (DSL)   | Yes                             |
| Canada                   | Non-Domestic Substances List (NDSL)                                    | No                              |
| China                    | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                             |
| Europe                   | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                              |
| Japan                    | Inventory of Existing and New Chemical Substances (ENCS)               | No                              |
| Korea                    | Existing Chemicals List (ECL)  | No                              |
| New Zealand              | New Zealand Inventory  | Yes                             |
| Philippines              | Philippines Inventory of Chemicals and Chemical Substances (PICCS)     | No                              |

**SECTION 16: PREPARATION AND OTHER INFORMATION****PREPARED BY:**

WHMIS Committee

**PHONE NUMBER:**

1-800-363-5796

**EMERGENCY:**

This SDS is Registered with CANUTEC

**EMERGENCY NUMBER:**

For 24hr Information call 613-996-6666

**PREPARATION DATE:**

January 2021

**EXPIRES:**

January 2023

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