

**SOLHYDCOAT-PRIMER H.S PART B****SECTION 1. IDENTIFICATION**

|   |  |
|---|--|
| <b>Product Identifier</b>               | SOLHYDCOAT-PRIMER H.S PART B   |
| <b>Other Means of Identification</b>    | SOL-COAT-PRIMER-HS-B   |
| <b>Product Family</b>                   | Hardener for VE  |
| <b>Recommended Use</b>                  | High solids,epoxy primer product to repair concrete. HARDENER.   |
| <b>Restrictions on Use</b>              | Use with Part A (resin) of this product.   |
| <b>Manufacturer/Supplier Identifier</b> | SOLHYDROC INC., 2909 Powerscourt, Athelstan, Québec, J0S 1A0, Marc Charlebois, 888-765-4937, www.solhydrop.com |
| <b>Supplier Identifier</b>              | SOLHYDROC INC., 2909 Powerscourt, Athelstan, Québec, J0S 1A0, Marc Charlebois, 888-765-4937, www.solhydrop.com |
| <b>Emergency Phone No.</b>              | Marc Charlebois, 514-705-7198, 24 Hres/ 7 Jours<br>CANUTEC, 613-996-6666, 24HR/7Jours                          |
| <b>SDS No.</b>                          | 0219   |

**SECTION 2. HAZARD IDENTIFICATION**

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

**Classification**

Flammable liquid - Category 4; Self-reactive - Type D; Acute toxicity (Oral) - Category 4; Acute toxicity (Inhalation) - Category 4; Skin irritation - Category 2; Serious eye damage - Category 1

**Label Elements**

Danger

Hazard Statement(s):

Heating may cause a fire.

Combustible liquid.

May intensify fire; oxidizer.

Causes severe skin burns and eye damage.

Harmful if swallowed.

Harmful if inhaled.

Precautionary Statement(s):

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.

Keep or store away from clothing and other combustible materials.

Keep only in original packaging.

Do not eat, drink or smoke when using this product.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

Response:

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

Rinse mouth.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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May cause respiratory irritation.

Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water/

If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTRE or doctor.

Take off contaminated clothing and wash it before reuse.

Storage:

Store in a well-ventilated place. Keep cool.

Protect from sunlight. Store in a well-ventilated place.

Store locked up.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name                       | CAS No.    | %   | Other Identifiers |
|-------------------------------------|------------|-----|-------------------|
| 1-CHLORO-4-(TRIFLUOROMETHYL)BENZENE | 98-56-6    | <19 |                   |
| Titanium dioxide                    | 13463-67-7 | <18 |                   |
| Ethanol                             | 64-17-5    | <9  |                   |
| Triethylenetetramine                | 112-24-3   | <9  |                   |

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Remove source of exposure or move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Keep at rest in a position comfortable for breathing. Get medical advice or attention if you feel unwell.

##### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. If exposed or concerned, get medical advice or attention. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor.

##### Ingestion

Do not induce vomiting. Immediately call a Poison Centre or doctor.

##### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

#### Most Important Symptoms and Effects, Acute and Delayed

If on skin: repeated or prolonged exposure can irritate or burn the skin. May burn the skin. Permanent scarring may result. If in eyes: symptoms include slight redness and pain. May cause moderate to severe irritation. If inhaled and/or swallowed: respiratory sensitizer. May cause asthma or an asthma-like reaction in some people. Can harm the liver.

#### Immediate Medical Attention and Special Treatment

##### Target Organs

Digestive system, eyes, liver, respiratory system, skin.

##### Special Instructions

Symptoms may not appear immediately.

##### Medical Conditions Aggravated by Exposure

Eye conditions, skin conditions, respiratory conditions.

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## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam. Use water to keep non-leaking, fire-exposed containers cool.

### Specific Hazards Arising from the Product

Combustible liquid. Can ignite if heated. Releases vapour that can form explosive mixture with air at or above the flash point. Closed containers may rupture violently when heated releasing contents.

### Special Protective Equipment and Precautions for Fire-fighters

Evacuate area. Before entry, especially into confined areas, use an appropriate monitor to check for: toxic gases or vapours. Oxidizer. Prevent contact with flammable and combustible materials. Wear full Bunker gear and respiratory protection (SCBA) Water spray may be ineffective.

Fire-fighters should enter area wearing specialized protective equipment. (Bunker Gear will not provide adequate protection.).

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Eliminate all ignition sources. Use grounded, explosion-proof equipment. Remove or isolate incompatible materials as well as other hazardous materials.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Large spills or leaks: store recovered product in suitable containers that are: tightly-covered.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Do not swallow. Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs. Do NOT eat, drink or store food in work areas.

### Conditions for Safe Storage

Store in an area that is: cool, temperature-controlled, dry, separate from incompatible materials (see Section 10: Stability and Reactivity). Store away from heat and flame protect from sunlight. Store in the original, labelled, shipping container.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| Chemical Name    | ACGIH TLV® |                | OSHA PEL           |         | AIHA WEEL |     |
|------------------|------------|----------------|--------------------|---------|-----------|-----|
|                  | TWA        | STEL           | TWA                | Ceiling | 8-hr TWA  | TWA |
| Ethanol          |            | 1000 ppm<br>A3 | Not<br>established |         |           |     |
| Titanium dioxide | 10 mg/m3   |                |                    |         |           |     |

### Appropriate Engineering Controls

Provide eyewash and safety shower if contact or splash hazard exists. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Keep exposure levels below the exposure limits.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

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Wear chemical protective clothing e.g. gloves, aprons, boots.

#### Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge. When ventilation is inadequate wear a NIOSH approved self-contained breathing apparatus (SCBA) or supplied air respirator.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|                              |  |
|------------------------------|--|
| Appearance                   | White.   |
| Odour                        | Not available  |
| Odour Threshold              | Not available  |
| pH                           | Not available  |
| Initial Boiling Point/Range  | 172 - 283 °F (78 - 139 °C)                               |
| Flash Point                  | 8 °C (47 °F)   |
| Vapour Pressure              | Not available  |
| Relative Density (water = 1) | 1.17   |
| Solubility                   | Not available in water; Not available (in other liquids) |
| <b>Other Information</b>     |  |
| Physical State               | Liquid   |
| Other Physical Property 1    | Not available  |

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Decomposes in the presence of heat. May cause a fire.

### Conditions to Avoid

Incompatible materials.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

When exposed to very high temperatures will release very toxic carbon monoxide, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion. harmful if ingested.

### Acute Toxicity

| Chemical Name                        | LC50  | LD50 (oral)                | LD50 (dermal)                 |
|--------------------------------------|---|----------------------------|-------------------------------|
| Ethanol                              | 21000 ppm (mouse) (4-hour exposure)                     | 7060 mg/kg (male rat)      | 15800 mg/kg (rabbit)          |
| Triethylenetetramine                 |   | 2500 mg/kg (rat)           | 550 mg/kg (rabbit)            |
| Titanium dioxide                     | > 6820 mg/m <sup>3</sup> (rat) (4-hour exposure) (dust) | > 25000 mg/kg (rat) (dust) | > 10000 mg/kg (rabbit) (dust) |
| 1-CHLORO-4-(TRIFLUOROMETHYL) BENZENE | 33 mg/L (rat) (4-hour exposure)                         | 13000 mg/kg (rat)          |                               |

### Skin Corrosion/Irritation

May cause moderate or severe irritation based on information for closely related materials.

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### Serious Eye Damage/Irritation

Causes serious eye damage based on skin corrosion information.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Nose and throat irritation.

#### Skin Absorption

Can cause sensitization.

#### Ingestion

Harmful harmful effects on the liver, severe irritation or burns to the mouth, throat and stomach.

### Aspiration Hazard

No information was located.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

If swallowed: large amounts harmful effects on the liver. Urinary tract irritation.

### Respiratory and/or Skin Sensitization

Respiratory sensitizer. Skin sensitizer.

### Reproductive Toxicity

#### Development of Offspring

No information was located.

#### Sexual Function and Fertility

No information was located.

#### Effects on or via Lactation

No information was located.

### Germ Cell Mutagenicity

No information was located.

### Interactive Effects

No information was located.

No information was located for: STOT (Specific Target Organ Toxicity) - Single Exposure, Development of Offspring

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No information was located. for the product itself.

### Acute Aquatic Toxicity

| Chemical Name                        | LC50 Fish  | EC50 Crustacea | ErC50 Aquatic Plants | ErC50 Algae |
|--------------------------------------|--|----------------|----------------------|-------------|
| 1-CHLORO-4-(TRIFLUOROMETHYL) BENZENE | 5.6 mg/L (Lepomis macrochirus (bluegill); 96-hour; static) |                |                      |             |

### Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. Incineration is a preferred method.

## SECTION 14. TRANSPORT INFORMATION

| Regulation   | UN No. | Proper Shipping Name                                  | Transport Hazard Class(es) | Packing Group |
|--------------|--------|---|----------------------------|---------------|
| Canadian TDG | 1263   | Organic Peroxide Type D, Liquid ((9 % Active Oxygen)) | 5.2                        | II            |

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

All Ingredients are included on DSL(inventory).

#### Canada

##### WHMIS 1988 Classification



Class B3



Class D2A; D2B



Class E

B3 - Combustible Liquid; D2A - Very Toxic; D2B - Toxic (Skin irritant; Eye irritant; Skin sensitization); E - Corrosive

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 3, Flammability - 3  
**SDS Prepared By** Special Hazard - Oxidizing

**Phone No.** 450-264-9799

**Date of Preparation** mai 19, 2016

**Date of Last Revision** mai 19, 2016

**Key to Abbreviations** ACGIH® = American Conference of Governmental Industrial Hygienists  
IARC = International Agency for Research on Cancer  
NIOSH = National Institute for Occupational Safety and Health  
OSHA = US Occupational Safety and Health Administration

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).  
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

**Disclaimer** We declare the information contained herein are correct. However, we decline all responsibility as to the exactness and the usage of the later.

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