

# Safety Data Sheet

## Product Identifier

### SECTION 1. IDENTIFICATION

Product Identifier S-100  
Other Means of Identification Liquid Rubber Foundation Sealant  
Recommended Use Dual component protective coating  
Restrictions on Use Between 5 and 60°C  
Initial Supplier Identifier Advanced Protective Coatings Inc.  
2140 Winston Park Drive, Unit 25, Oakville, Ontario L6H 5V5, CANADA  
Emergency Telephone +1 905-829-1133

### SECTION 2. HAZARD IDENTIFICATION

Classification None, not regulated  
Label Elements None, not regulated  
Other Hazards None, not regulated

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                       | CAS No.                | Concentration (%w/w) | Common Name / Synonyms                       | Other Identifiers |
|-------------------------------------|------------------------|----------------------|--|-------------------|
| Bitumen                             | 9072-35-9<br>9010-98-4 | 40-70                | Asphalt cement                               | n/a               |
| Anionic surfactants                 | 143-18-0               | 0.5-2.0              | emulsifiers                                  | n/a               |
| Water                               | 7732-18-5              | 20-50                | n/a  | n/a               |
| Complex blend of Dispersed polymers | 9003-55-8<br>9010-98-4 | 5-25                 | Polychloroprene, styrene-butadiene emulsions | n/a               |

### SECTION 4. FIRST-AID MEASURES

Inhalation: Remove to fresh air; seek medical attention  
Skin Contact: This is an alkaline product. If splashed on the skin immediately wash thoroughly with fresh water. If the product has dried on the skin massage the area with medical grade mineral oil, baby oil or edible oil, then wash with soap and water. If irritation persists seek medical attention  
Eye Contact: Flush thoroughly with fresh water for at least ten minutes. Seek medical attention  
Ingestion: DO NOT INDUCE VOMITING. Seek medical attention.  
Most Important Symptoms and Effects, Acute and Delayed: n/a  
Immediate Medical Attention and Special Treatment: See above

### SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media:  
Suitable Extinguishing Media: n/a. Product not flammable  
Unsuitable Extinguishing Media: n/a. Product not flammable

|   |                            |
|---|----------------------------|
| Specific Hazards Arising from the Product:                      | n/a. Product not flammable |
| Special Protective Equipment and Precautions for Fire-Fighters: | n/a. Product not flammable |

### SECTION 6. ACCIDENTAL RELEASE MEASURES

|  |  |
|--|--|
| Personal Precautions, Protective Equipment, and Emergency Procedures | Respiratory protection: This product contains no volatile organic compounds<br>Ventilation: No special conditions required   |
| Methods for Containment and Cleaning Up                              | In the event of a spill: Dike and contain, transfer to containers for recovery or disposal. Keep out of sewers.<br>Waste disposal method: Follow federal, provincial and local regulations regarding disposal. |
| Storage and handling conditions:                                     | Store above 5C.  |
| Special shipping information:  | Not regulated by the Transportation of Dangerous Goods Regulations.  |

### SECTION 7. HANDLING AND STORAGE

|                               |   |
|-------------------------------|---|
| Precautions for Safe Handling | Keep containers tightly closed when not in use. |
| Conditions for Safe Storage   | Store within the temperature range 10-50°C      |

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                                  |  |
|----------------------------------|--|
| Appropriate Engineering Controls |  |
| Individual Protection Measures   | Protective gloves, long sleeves, long trousers recommended |
| Eye/Face Protection              | Safety glasses/splash goggles                              |
| Skin Protection                  | Protective gloves, long sleeves, loose clothing            |
| Respiratory Protection           | Face mask if product to be sprayed                         |

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| Appearance   | Brown liquid, slight resinous odour.                      |
| Odour  | Slight resinous odour                                     |
| Odour Threshold                                    | n/a   |
| pH   | 10-13   |
| Melting Point and Freezing Point                   | 0°C   |
| Initial Boiling Point and Boiling Range            | 100 <sup>to</sup> C                                       |
| Flash Point  | n/a   |
| Evaporation Rate                                   | water   |
| Flammability (solid, gas)                          | n/a, non-flammable  |
| Upper and Lower Flammability or Explosive Limit    | n/a   |
| Vapour Pressure                                    | 17 mm Hg @20°C (water)                                    |
| Vapour Density (air = 1)                           | >1  |
| Relative Density (water = 1)                       | 1.03  |
| Solubility in Water                                | Completely miscible                                       |
| Solubility in Other Liquids                        | Miscible with most water compatible liquids and solutions |
| Partition Coefficient, n-Octanol / Water (Log Kow) | n/a   |
| Auto-ignition Temperature                          | n/a, non-flammable  |

Decomposition Temperature n/a, non-flammable  
 Viscosity 12000-20000 CPs (Brookfield)

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity: Stable  
 Chemical Stability: Will react with alkaline sensitive materials such as acids and certain metals  
 Possibility of Hazardous Reactions: Long term contact, such as extended immersion of reactive metals such as aluminum or magnesium in the liquid form could result in gas formation.  
 Conditions to Avoid: Alkaline sensitive materials  
 Incompatible Materials: Water insoluble solvent  
 Hazardous Decomposition Products: If the dry cured product is heated above 200oC, hazardous vapours including carbon monoxide, hydrogen chloride, organic acids and aldehydes could be released.  
 Hazardous polymerization: Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Likely Routes of Exposure: Inhalation, Skin contact, Eye contact, Ingestion

Acute Toxicity  
 LC50  
 LD50 (oral) >5000 mg/kg (rat)  
 LD50 (dermal) >2000 mg/kg  
 Skin Corrosion / Irritation See Section 4 above  
 Serious Eye Damage / Irritation See Section 4 above  
 STOT (Specific Target Organ Toxicity) - Single Exposure n/a  
 Aspiration Hazard Only if sprayed into air  
 STOT (Specific Target Organ Toxicity) - Repeated Exposure n/a  
 Respiratory and/or Skin Sensitization n/a

**Carcinogenicity**

| Chemical Name    | IARC | ACGIH® | OSHA |
|------------------|------|--------|------|
| Non carcinogenic | n/a  | n/a    | n/a  |

Reproductive Toxicity  
 Development of Offspring: n/a  
 Sexual Function and Fertility: n/a  
 Effects on or via Lactation: n/a  
 Germ Cell Mutagenicity: n/a  
 Interactive Effects: n/a

**SECTION 12. ECOLOGICAL INFORMATION (section heading must appear; all content is optional)**

Ecotoxicity: n/a  
 Persistence and Degradability: n/a  
 Bioaccumulative Potential: n/a  
 Mobility in Soil: n/a  
 Other Adverse Effects: n/a

**SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)***

Disposal Methods: In the event of a spill: Dike and contain, transfer to containers for recovery or disposal.  
 Keep out of sewers.  
 Waste disposal: Follow federal, provincial and local regulations regarding disposal.

**SECTION 14. TRANSPORT INFORMATION *(section heading must appear; all content is optional)***

| Regulation    | UN No. | Proper Shipping Name | Technical Name (for N.O.S. entry) | Transport Hazard Class(es) | Packing Group |
|---------------|--------|----------------------|-----------------------------------|----------------------------|---------------|
| Not regulated | n/a    |                      |                                   |                            |               |

Special Precautions: Not classified as dangerous in the meaning of transport regulations.  
 Environmental Hazards: n/a  
 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not regulated

**SECTION 15. REGULATORY INFORMATION *(section heading must appear; all content is optional)***

Safety, Health and Environmental Regulations: n/a

**SECTION 16. OTHER INFORMATION**

Date of Latest Revision May 1, 2017