



# MATERIAL SAFETY DATA SHEET



## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Shield-Shine™ (SSC+)  
**Product Use:** Concrete treatment  
**Manufacturer/Supplier:** Spraylock Concrete Protection LLC  
1517 W. North Carrier Parkway  
Suite 142  
Grand Prairie, TX 75050  
**Country of Origin:** USA  
**Phone Number:** 469-263-1100  
**Emergency Phone:** Chemtrec: 1-800-424-9300  
Customer Contract No. 225566  
**Date of Preparation:** May 4, 2012

## Section 2: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**Likely Routes of Exposure:** Skin contact and eye contact.

**Eye:** May cause eye irritation.  
**Skin:** May cause skin irritation.  
**Ingestion:** Not a normal route of exposure.  
**Inhalation:** Not a normal route of exposure.

**Signs and Symptoms:** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, drying and cracking of the skin.

**Medical Conditions Aggravated By Exposure:** Allergies.

**Target Organs:** Skin and eyes.

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Proprietary Formula: Proprietary aqueous acrylate dispersion

## Section 4: FIRST AID MEASURES

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water. If easy to do, remove contact lenses, if worn.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

**Inhalation:** Move exposed person to fresh air.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Drink plenty of water followed by citrus juice. Seek medical attention

**General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).



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## Section 5: FIRE FIGHTING MEASURES

**Flammability:** Not flammable by WHMIS/OSHA criteria.

**Means of Extinguishing:**

**Suitable Extinguishing Media:** Powder, water spray, foam, carbon dioxide.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** Not available.

**Sensitivity to Static Discharge:** Not available.

**Protection of Firefighters:** Fire-fighters should wear appropriate protective equipment.

## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Put on appropriate personal protective equipment (see Section 8).

**Environmental Precautions:** None

**Methods for Clean-Up:** Dilute, flush with water. Suitable for sewer disposal.

## Section 7: HANDLING AND STORAGE

**Handling:** Observe good industrial practices. Do not eat, drink or smoke when using the product.

**Storage:** Do not freeze. Store between 40°F - 100°F (5°C - 38°C).  
Store in accordance with local regulations.  
May be stored inside or outside away from direct sunlight.  
Store properly situated away from incompatible materials (i.e. strong acids).

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, etc) below recommended exposure limits.

**Personal Protective Equipment:**

**Eye/Face Protection:** As in any construction environment, use approved safety glasses, as described in OSHA 29 CFR 1910.133. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian standards.

**Hand Protection:** In the event of prolonged or repeated contact with hands, users with sensitive skin should use appropriate gloves.

**Skin and Body Protection:** Wear appropriate clothing and shoes for the task.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Product is recommended to be applied using a spray apparatus. Application on an outdoor installation normally requires no ventilation or breathing equipment. Normally utilized ventilation is usually adequate indoors unless the area being treated is very closed in. In that case, extra mechanical ventilation may be required to facilitate more comfortable breathing. Spray mist is not health hazardous to breathe. However, a face mask should be worn when spraying set concrete surfaces due to potentially sharp alkaline cement dust or other particles subject to becoming airborne.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices.



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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Milky White.
<b>Color:</b>	Milky White.
<b>Odour:</b>	Faint odor.
<b>Physical State:</b>	Liquid.
<b>Specific Gravity:</b>	1.04
<b>pH:</b>	12-13
<b>Viscosity:</b>	20cps @ 77°F
<b>Freezing Point:</b>	32°F
<b>Boiling Point:</b>	212°F (100°C)

## Section 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Conditions of Reactivity:** Heat. Incompatible materials.

**Incompatible Materials:** Acids and Metal Salts.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

## Section 11: TOXICOLOGY INFORMATION

### EFFECTS OF ACUTE EXPOSURE

<b>Eye:</b>	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
<b>Skin:</b>	May cause skin irritation. Symptoms may include redness, drying and cracking of the skin.
<b>Ingestion:</b>	Not a normal route of exposure.
<b>Inhalation:</b>	Not a normal route of exposure.

### EFFECTS OF CHRONIC EXPOSURE

**Target Organs:** Not available.

**Chronic Effects:** Not hazardous by WHMIS/OSHA criteria.

**Carcinogenicity:** Not hazardous by WHMIS/OSHA criteria.

\* See Section 15 for more information.

**Mutagenicity:** Not hazardous by WHMIS/OSHA criteria.

**Reproductive Effects:** Not hazardous by WHMIS/OSHA criteria.

**Developmental Effects:**

**Teratogenicity:** Not hazardous by WHMIS/OSHA criteria.

**Embryotoxicity:** Not hazardous by WHMIS/OSHA criteria.



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**Respiratory Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Skin Sensitization:** Not hazardous by WHMIS/OSHA criteria.

**Toxicologically Synergistic Materials:** Not available.

## Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** No known significant effects or critical hazards.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

## Section 13: DISPOSAL CONSIDERATIONS

### Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

## Section 14: TRANSPORTATION INFORMATION

**HAZCHEM:** None.

**Air Transport IATA: ICAO/IATA Class:** None.

**ICAO/IATA Subrisk:** None.

**UN/ID Number:** None.

**Packing Group:** None.

**ERG Code:** None.

**Shipping Name:** None.

### DOT Classification:

Class 50, non-hazardous concrete additive

NMFC Item# 034040-00

### TDG Classification:

non-hazardous concrete additive

NMFC Item# 034040-00

Harmonized Tariff Classification# 3824.40

### NOM-004-SCT2-1994 Classification:

non-hazardous concrete additive

NMFC Item# 034040-00

Harmonized Tariff Classification# 3824.40

## Section 15: REGULATORY INFORMATION

### Federal Regulations

**Canadian:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

**Mexico:** MSDS prepared pursuant to NOM-018-STPS-2000.

### State Regulations

#### California Proposition 65:

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.



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## Global Inventories

### HMIS - Hazardous Materials Identification System

Health - 2      Flammability - 0      Physical Hazard - 0

### NFPA - National Fire Protection Association:

Health - 2      Fire - 0      Reactivity - 0

**Hazard Rating:** 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

## Section 16: OTHER INFORMATION

### Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

### Expiry Date:

October 13, 2014

### Version #: 1.0

### Prepared by:

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