

# Safety Data Sheet



## All Shield WB

Version 1

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

|  |  |
|--|--|
| <b>1.1 Trade Name (as labeled):</b>    | All Shield WB  |
| Chemical Name/Family:                  | Modified Silane/Siloxane Emulsion                          |
| CAS No:                                | Mixture  |
| <b>1.2 Product Use:</b>                | Water, Stain, and Oil Repellent for Architectural Coatings |
| Restrictions:                          | Do not aerosolize  |
| <b>1.3 Company Name:</b>               | <b>SpecChem</b>  |
| Company Address:                       | 1511 Baltimore Ave; Suite 600                              |
| Company Address Cont:                  | Kansas City, MO 64108                                      |
| Business Phone:                        | (816) 968-5600   |
| Website:                               | www.specchemllc.com  |
| <b>1.4 Emergency Telephone Number:</b> | <b>Chemtrec: (800) 424-9300</b>                            |
| Date of Current Revision:              | December 11, 2018  |

### SECTION 2 – HAZARDS IDENTIFICATION

#### GHS Classification:

|  |                |
|--|----------------|
| <b>Physical Hazards</b>  | Not Classified |
| <b>Health Hazards</b>  |                |
| Eye Irritation   | Category 2A    |
| Skin Irritation  | Category 3     |
| Acute toxicity – Oral  | Category 5     |
| Specific target organ toxicity, single exposure;<br>Respiratory tract irritation | Category 3     |
| <b>Environmental Hazards</b>   | Not Classified |

#### GHS Label:

Symbol:



**Signal Word:** Warning

#### Hazard Classification:

**Hazard Statement:** Causes serious eye irritation. Causes mild skin irritation. May be harmful if swallowed. May cause respiratory irritation

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**Precautionary Statement:**

**Prevention**

Wash hands and exposed skin thoroughly after handling.  
 Wear eye protection/face protection.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 Use only outdoors or in a well-ventilated area.

**Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/attention.  
 If skin irritation occurs: Get medical advice/attention.  
 Call a POISON CENTER/doctor/physician if you feel unwell.  
 IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing.

**Storage**

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal**

Dispose of contents/container in accordance with local/national/international regulations.

**SECTION 3 – Hazardous Composition/Information on Ingredients**

| Ingredients              | CAS No.     | Precent (%) |
|--------------------------|-------------|-------------|
| Silane/siloxane emulsion | Proprietary | 30.0        |
| Water                    | 7732-18-5   | 70.0        |

**SECTION 4 – FIRST AID MEASURES**

**Skin Contact:** Wash affected areas with plenty of water and soap for several minutes. Call a physician if irritation develops.

**Eye Contact:** First rinse eyes with water. Remove any contact lenses and continue washing with running water for at least 15 minutes. Call a physician if irritation develops.

**Inhalation:** If inhaled, remove the affected individual immediately to fresh air. Call a physician if respiratory irritation develops or if breathing becomes difficult.

**Ingestion:** If swallowed seek medical attention immediately and show the doctor packing or label. Do not induce vomiting unless directed to do so by medical personnel. Do not give anything to an unconscious or convulsing person.

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**SECTION 5 – FIRE FIGHTING MEASURES**

- Fire and Explosion Hazard:** The product itself will flash but not sustain combustion. Hydrolyzes on contact with moisture releasing ignitable vapors. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride, formaldehyde, carbon dioxide, silicon dioxide, nitrogen oxides, carbon monoxide and other hazardous decomposition products may be formed.
- Fire Extinguishing Media** Use alcohol-resistant foam, dry chemical, carbon dioxide, or water in large amounts for surrounding fire.
- Unsuitable Extinguishing Media:** None known
- Specific Hazards in Case of Fire:** Combustion can produce oxides of carbon, nitrogen, silicone and slight trace of formaldehyde or hydrogen fluoride.
- Thermal Decomposition:** To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors.
- Special Fire Fighting Information:** Evacuate personnel to safe areas. Wear self-contained breathing apparatus and appropriate full protective equipment. Move containers from area of the fire if this can be done without risk. Cool fire-exposed containers with water. Do not allow run-off from fire-fighting to enter drains or water courses.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)**

- Personal Precautions:** Evacuate personnel to safe area. Ensure cleanup is done only by trained personnel. Material can create slippery conditions. Avoid contact with eyes and skin. Avoid inhaling mists and vapours.
- Protective Equipment:** Wear personal protective equipment. Ventilate area and exhaust vapours.
- Environmental Precautions:** Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.
- Methods and Materials for Containment and Cleaning up:** Soak up with sawdust, sand, oil dry or other absorbent material. Pick up and transfer to properly labelled containers. Do not flush away with water.

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**SECTION 7 - HANDLING AND STORAGE**

|                             |   |
|-----------------------------|---|
| <b>Handling Conditions:</b> | Avoid contact with skin, eyes and clothing. Do not breathe vapors, mist or gas. Wash hands thoroughly after handling. Do not spray near open flame or heated surface. **Agitate thoroughly before use** Do not aerosolize.  |
| <b>Storage Conditions:</b>  | Keep container tightly closed in a dry, cool and well-ventilated place with temperatures 0°C - 40°C. Keep away from heat, and sunlight. *** WARNING - PROTECT FROM FREEZING*** In the cold months, a freeze indicator is attached to this shipment (one indicator per pallet). If the bulb on the indicator is not clear, this shipment was exposed to temperatures below 32°F (0°C). Perishable if frozen. If product is exposed, product quality testing should be performed before accepting the shipment. |

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

|  |   |
|--|---|
| <b>Exposure Limits:</b>                  | None established  |
| <b>Appropriate Engineering Controls:</b> | Adequate ventilation must be used during application. Use suitable local exhaust to remove mists or vapors during spray or other applications   |
| <b>Personal protective equipment:</b>    |   |
| Respiratory Protection:                  | When spray applied, use only low-pressure sprayer (10-20 psi). Do not aerosolize. Wear respirator where spraying or vaporizing occurs. A NIOSH approved air purifying respirator is recommended if overexposure to dusts, mists, or vapors could occur. |
| Hand Protection:                         | Wear protective gloves.   |
| Eye Protection:                          | Wear safety glasses with side shields or goggles.   |
| Skin and Body Protection:                | Rubber apron, boots or coveralls as necessary to prevent skin contact.  |
| Hygiene Measures:                        | An eyewash and safety shower should be nearby and ready for use.  |

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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|   |                           |
|---|---------------------------|
| <b>Physical State:</b>                    | Liquid Emulsion           |
| <b>Color:</b>                             | Off white to light yellow |
| <b>Odor:</b>                              | Slight                    |
| <b>Odor Threshold:</b>                    | N.D.                      |
| <b>pH:</b>                                | ~9                        |
| <b>Specific Gravity (77°F):</b>           | 0.995                     |
| <b>% Active:</b>                          | 30                        |
| <b>% Volatile by Weight:</b>              | N.D.                      |
| <b>Melting Point:</b>                     | N.D.                      |
| <b>Freezing Point:</b>                    | N.D.                      |
| <b>Boiling point:</b>                     | 100°C (>212°F)            |
| <b>Flash Point:</b>                       | N.D.                      |
| <b>Evaporation Rate (BuAc=1):</b>         | N.D.                      |
| <b>Flammability:</b>                      | N.D.                      |
| <b>Explosion Limits:</b>                  | (lower) N/D, (upper) N/D  |
| <b>Vapor Pressure (mmHg):</b>             | N.D.                      |
| <b>Vapor Density (Air=1):</b>             | N.D.                      |
| <b>Solubility:</b>                        | Dilatable                 |
| <b>Viscosity:</b>                         | N.D.                      |
| <b>Thermal Decomposition Temperature:</b> | N.D.                      |

### SECTION 10 – STABILITY AND REACTIVITY

|                                  |  |
|----------------------------------|--|
| <b>Chemical stability:</b>       | Stable under normal temperature and pressure.                                    |
| <b>Hazardous Polymerization:</b> | None   |
| <b>Conditions to Avoid:</b>      | Do not overheat to prevent from thermal decomposition.<br>Protect from freezing. |

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### SECTION 11 – TOXICOLOGY INFORMATION

#### Potential Health Effects:

|      |     |       |     |             |     |            |     |
|------|-----|-------|-----|-------------|-----|------------|-----|
| Eye: | Yes | Skin: | Yes | Inhalation: | Yes | Ingestion: | Yes |
|------|-----|-------|-----|-------------|-----|------------|-----|

#### Potential Health Effects:

|                    |   |
|--------------------|---|
| <b>Inhalation:</b> | Mist irritating to the respiratory tract irritation. Do not breathe aerosols.   |
| <b>Ingestion:</b>  | Although ingestion is unlikely, liquid may irritate upper digestive tract if swallowed. May be harmful if swallowed.  |
| <b>Skin:</b>       | Causes mild skin irritation. Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis. |
| <b>Eyes:</b>       | Preexisting eye, skin and respiratory disorders may be aggravated by exposure to this product. May cause severe irritation.                                   |

#### Signs and Symptoms of Exposures:

No information available

#### Acute Toxicity:

No information available

#### Chronic Toxicity:

No information available

**Respiratory or Skin Sensitization:** No information available

#### Mutagenicity:

No information available

#### Carcinogenicity:

No information available

|       |    |      |    |       |    |
|-------|----|------|----|-------|----|
| IARC: | No | NTP: | No | OSHA: | No |
|-------|----|------|----|-------|----|

### SECTION 12 – ECOLOGICAL INFORMATION

|   |                          |
|---|--------------------------|
| <b>Ecotoxicity (Aquatic and Terrestrial):</b> | No Information Available |
| <b>Bioaccumulative Potential:</b>             | No Information Available |
| <b>Mobility in Soil:</b>                      | No Information Available |
| <b>PBT and vPvB Assessment:</b>               | No Information Available |
| <b>Other adverse Effects:</b>                 | No Information Available |

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### SECTION 13 – DISPOSAL CONSIDERATIONS

**Product:** As in accordance with EPA, state and local regulations. Do not dump this product into sewers, on the ground or into any body of water. Dispose according to state and Federal Laws.

**Disposing of Contaminated Packaging:** Treat as unused product as above.

### SECTION 14 - TRANSPORTATION INFORMATION

**US DOT:** **Non-Hazardous and not regulated for transportation by DOT. Protect from freezing, when exposed to temperatures approaching 0°C (32°F) or below.**

**Transport by sea IMDG-Code:** Not Regulated for transport

**Air transport ICA-TI/IATA-DGR:** Not Regulated for transport

### SECTION 15 – REGULATORY INFORMATION

**TSCA Inventories:**  
This material and its components are listed on or are in compliance with the requirements of the TSCA Chemical.

**Federal Regulations:**

|   |                          |
|---|--------------------------|
| SARA 313:                                       | None                     |
| SARA 311/312:                                   | Fire Hazard              |
| Clean Water Act:                                | No Information Available |
| Clean Air Act, Section 112 HAP's 9(See 40CFR61) | No Information Available |

**State Regulations:**

|   |                          |
|---|--------------------------|
| Massachusetts Right to Know Components: | No Information Available |
| New Jersey Right to Know Components:    | No Information Available |
| Pennsylvania Right to Know Components:  | No Information Available |
| California Proposition 65:              | No Information Available |

### SECTION 16 – OTHER INFORMATION

**WHMIS Classification:** No Information Available

**HMIS Rating:**

|                                |   |
|--------------------------------|---|
| Health Hazard                  | 1 |
| Flammability:                  | 2 |
| Reactivity:                    | 1 |
| Personal Protection Equipment: | X |

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**Date Prepared:** July 24<sup>th</sup> 2018

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. SpecChem assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, SpecChem assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

**END OF SDS SHEET**