SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier
Product Name Armor SX5000 WB

Other means of identification
Product Code SX5000
Synonyms

Recommended use of the chemical and restrictions on use
Recommended Use Concrete Water Repellent.
Uses advised against No Data

Details of the supplier of the safety data sheet
Distributor Address Foundation Armor LLC. 3 Bud Way STE 27, Nashua, NH 03063 (866) 306-0246

Emergency telephone number
Company Phone Number (866) 306-0246
24 Hour Emergency Phone Number (800) 424-9300 (United States & Canada)

2. HAZARDS IDENTIFICATION

Classification
OSHA Regulatory Status This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

This material will flash but does not sustain combustion. OSHA Combustible Liquid and Vapor.

Label elements

Emergency Overview

Hazard statements
Warning! This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.
May cause eye irritation
May cause respiratory irritation
May cause skin irritation
Harmful if swallowed

Appearance Milky White Liquid
Physical state liquid
Odor Mild

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Keep container tightly closed
Ground/bond container and receiving equipment
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Use only outdoors or in a well-ventilated area
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
If skin irritation occurs: Get medical advice or attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
IF SWALLOWED: Immediately call a POISON CONTROL CENTER/doctor
Do NOT induce vomiting.
Take off contaminated clothing and wash before reuse
In case of fire use, “alcohol resistant” foam, dry chemical, halon or carbon dioxide to extinguish.
Collect spillage

Precautionary Statements - Storage

Precautionary Statements - Disposal
Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified (HNOC)
This material releases ethanol upon hydrolysis. Ethanol (CAS No. 64-17-5) is an irritant to the eyes and mucous membranes.
Overexposure has been shown to cause central nervous system depression. Direct contact with the eyes will cause burning and stinging.

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-hazardous ingredient(s)</td>
<td>-</td>
<td>60 - 100</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>Octyl Triethoxy Silane</td>
<td>35435-21-3</td>
<td>7 - 13</td>
<td>*</td>
<td></td>
</tr>
</tbody>
</table>
*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice
Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance.

Eye contact
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.

Skin contact
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash off immediately with soap and plenty of water. If skin irritation
persists, call a physician.

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

Ingestion
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms
Eye, Skin, and Respiratory Irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically. For additional information, see Safety Data Sheet.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Dry Chemical, Alcohol Resistant Foam, Halon or Carbon Dioxide.

Unsuitable extinguishing media
CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
None Known.

Hazardous combustion products
Carbon dioxide (CO2). Carbon monoxide.

Explosion data
Sensitivity to Mechanical Impact
Not available.

Sensitivity to Static Discharge
No.

Protective equipment and precautions for firefighters
Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protective equipment as required. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains or waterways.

Methods and material for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

Methods for cleaning up
Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Dispose according to local regulations.

7. HANDLING AND STORAGE
Precautions for safe handling

Advice on safe handling
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation and in closed systems.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible materials
Keep away from strong oxidizing agents, strong alkalis, and strong acids.

8. EXPOSURE CONTROLS/PERSOXLialized PROTECTION

Control parameters

Exposure Guidelines
Ethanol - CAS# 64-17-5: OSHA 1,000 ppm, ACGIH TWA 1,000 ppm.

Appropriate engineering controls
General/Local Ventilation Recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin and body protection
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.

Respiratory protection
Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Milky White Liquid</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93 °C (&gt; 200 °F)</td>
<td>CC (closed cup)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>Not Relevant</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>
Relative density  .992  @ 70 Degrees F
Water solubility  Soluble in water
Solubility in other solvents  Not Available
Partition coefficient  Not Available
Autoignition temperature  Not Available
Decomposition temperature  Not Available
Kinematic viscosity  Not Available
Dynamic viscosity  Not Available
Explosive properties  Not Available
Oxidizing properties  Not Available

Other Information
Softening point  Not Relevant
Molecular weight  Not Available
VOC Content (%)  < 100 g/L
Density  Not Available
Bulk density  Not Available

10. STABILITY AND REACTIVITY

Reactivity  Not Available

Chemical stability
Stable.
Possibility of Hazardous Reactions
Hazardous polymerization does not occur.
Conditions to avoid
Heat, flames and sparks.
Incompatible materials
Keep away from strong oxidizing agents, strong alkalis, and strong acids.
Hazardous Decomposition Products
Hazardous decomposition products formed under fire conditions, carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure
Product Information

Inhalation  Direct contact and vapor inhalation.
Eye contact  Direct contact.
Skin contact  Direct contact.
Ingestion  Direct contact.

Information on toxicological effects
Symptoms  May cause drowsiness or dizziness if inhaled. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Skin corrosion/irritation  Causes severe burns. Irritating to skin.
Serious eye damage/eye irritation  Irritating to eyes. Risk of serious damage to eyes.
Irritation  Irritating to eyes, respiratory system and skin.
Sensitization  No data available.
Germ cell mutagenicity  No data available.
Carcinogenicity  No Data Available.
Reproductive toxicity  Not Available.
STOT - single exposure  Not Available.
STOT - repeated exposure  Not Available.
Aspiration hazard  Not Available.

Numerical measures of toxicity  - Product Information

12. ECOLOGICAL INFORMATION

No available data.

Ecotoxicity

Persistence and degradability  No data available.

Bioaccumulation  No data available.

Other adverse effects  No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes  Under RCRA 40 CFR 261 this material is a hazardous waste. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging  Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT  Not regulated This material has been tested and does not sustain combustion.

Marine pollutant  No available data.

IATA  Not regulated

IMDG  Not regulated

15. REGULATORY INFORMATION

International Inventories
Armor SX5000 WB

Revision Date 30-May-2015

<table>
<thead>
<tr>
<th>Legend:</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA - United States Toxic Substances Control Act Section 8(b) Inventory</td>
</tr>
<tr>
<td>DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List</td>
</tr>
<tr>
<td>EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances</td>
</tr>
<tr>
<td>ENCS - Japan Existing and New Chemical Substances</td>
</tr>
<tr>
<td>IECSC - China Inventory of Existing Chemical Substances</td>
</tr>
<tr>
<td>KECL - Korean Existing and Evaluated Chemical Substances</td>
</tr>
<tr>
<td>PICCS - Philippines Inventory of Chemicals and Chemical Substances</td>
</tr>
<tr>
<td>AICS - Australian Inventory of Chemical Substances</td>
</tr>
</tbody>
</table>

**US Federal Regulations**

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<table>
<thead>
<tr>
<th>Category</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>

**CWA (Clean Water Act)**
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**US State Regulations**

**California Proposition 65**
This product contains chemicals known to the state of California to cause birth defects or other reproductive harm

**U.S. State Right-to-Know Regulations**

**U.S. EPA Label Information**

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIIS</td>
<td>Health hazards</td>
<td>Flammability</td>
<td>Physical hazards</td>
<td>Personal protection</td>
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</tbody>
</table>

Issue Date 18-May-2015
Revision Date 30-May-2015
Revision Note No data available

**Disclaimer**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the
date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet