1. IDENTIFICATION

Product identifier
Product Name
ARMOR SC25

Other means of identification
Product Code
SC25

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
Manufacturer Address
Foundation Armor, 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)

Label elements

WARNING

Emergency Overview

Hazard statements
Causes severe eye burns.
Causes severe skin burns.
In case of aerosol formation: Causes respiratory tract irritation. May cause respiratory tract burns. If inhaled lung damage can be expected.
Harmful if ingested.

Appearance
Transparent Liquid

Physical state
liquid

Odor
Slight

Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash hands and face thoroughly after handling
Use only outdoors or in a well-ventilated area
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed.
Keep from freezing.

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

Hazards not otherwise classified (HNOC)
May cause skin irritation.

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></td>
<td>95-99</td>
<td>*</td>
</tr>
<tr>
<td>Proprietary Ingredient</td>
<td>Proprietary</td>
<td></td>
<td>1 - 5</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
Get medical attention immediately. Remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.

Eye contact
IF IN EYES: If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

Skin contact
IF ON SKIN: For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water. In serious cases, use emergency shower immediately.

Inhalation
IF INHALED: If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.

Ingestion
IF SWALLOWED: If swallowed, do not induce vomiting. If swallowed, give victim several glasses of water. If vomiting does occur, give additional fluids.

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
Allow cortisone spray inhalation at first possible opportunity. Treat symptomatically. For additional information, see Safety Data Sheet.
5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
This material does not present any unusual fire or explosion hazards. Material does not burn. Use extinguishing measures appropriate to the source of fire.

Unsuitable extinguishing media Not Applicable.

Specific hazards arising from the chemical
Not Applicable.

Explosion data
Sensitivity to Mechanical Impact Not available.
Sensitivity to Static Discharge Not sensitive.

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
Wear personal protection equipment (see section 8). Avoid contact with eyes and skin. Avoid inhaling mists and vapors. Keep unprotected persons away.

Environmental precautions

Environmental precautions
See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment
Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

Methods for cleaning up
Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Dilute with plenty of water and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Precautions for safe handling: Avoid contact with acids. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Precautions against fire and explosion: No special precautions against fire and explosion required.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material to freeze. 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. Conditions for storage rooms and vessels: Do not store in containers made of aluminum or other light metals. Advice for storage of incompatible materials: Avoid contact with acids.
Incompatible materials Acids.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**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</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Transparent Liquid</td>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless to yellowish.</td>
<td>Odor threshold</td>
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<td>pH</td>
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<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
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<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
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<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>1.016  @ 70 Degrees F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
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<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
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</tr>
<tr>
<td>Kinematic viscosity</td>
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<td></td>
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</tr>
<tr>
<td>Dynamic viscosity</td>
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<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not Available</td>
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</tr>
</tbody>
</table>
Other Information

Softening point  Not Relevant
Molecular weight  Not Available
VOC Content (%)  Not Applicable
Density  Not Available
Bulk density  Not Available

10. STABILITY AND REACTIVITY

Reactivity  Not Available

Chemical stability  Stable.

Possibility of Hazardous Reactions  No data available.

Conditions to avoid  None known.

Incompatible materials  Acids.

Hazardous Decomposition Products  None Known.

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  Irritating to skin.
Serious eye damage/eye irritation  Irritating to eyes.
Irritation  Irritating to eyes, respiratory system and skin.
Sensitization  No data available.
Germ cell mutagenicity  No data available.
Carcinogenicity  This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

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

14. TRANSPORT INFORMATION

DOT
UN3267, Corrosive Liquid, basic, organic, n.o.s. (Contains potassium methylsiliconate), 8, II
Marine pollutant
No available data.

IATA
UN3267, Corrosive Liquid, basic, organic, n.o.s. (Contains potassium methylsiliconate), 8, II

IMDG
UN3267, Corrosive Liquid, basic, organic, n.o.s. (Contains potassium methylsiliconate), 8, II

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Does not comply</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Does not comply</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>Does not comply</td>
</tr>
<tr>
<td>ENCS</td>
<td>Does not comply</td>
</tr>
<tr>
<td>IECSC</td>
<td>Does not comply</td>
</tr>
<tr>
<td>KECL</td>
<td>Does not comply</td>
</tr>
<tr>
<td>PICCS</td>
<td>Does not comply</td>
</tr>
<tr>
<td>AICS</td>
<td>Does not comply</td>
</tr>
</tbody>
</table>

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

**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>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute health hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</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</td>
</tr>
</tbody>
</table>

**CWA (Clean Water Act)**
Does not apply

**CERCLA**
Does not apply

**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**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
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<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>H</td>
</tr>
</tbody>
</table>

**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**