

Safety Data Sheet

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Section I - Product Identification

Manufacturer: The Chargar Corp.
299 Welton Street
Hamden, CT 06517
Telephone: 203-562-9948
Emergency# 1-800-922-4623 Trade
Name: Enviro-Shield40 %WB

Product Identifier: C202E
Recommended Use: Water Repellent
Restrictions: None known

Section II - Hazardous Ingredients

Skin corrosion/irritation Category 2



Serious eye damage/eye irritation Category 2A

Section III - Composition on Ingredients

Chemical Name	CAS No	Weight %	Trade Secret
Triethoxyoctyl-Silane	Proprietary	4-10	*
Water	7732-18-5	60-100	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section IV - First Aid Measures

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Rinse immediately with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult. Call a physician.

Ingestion: Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

Most important symptoms and effects, both acute and delayed:

Symptoms: Irritating to eyes and skin.

Indication of any immediate medical attention and special treatment needed:

Note to physicians: Treat symptomatically.

Section V - Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus, MSHA/NIOSH and full protective gear.

Section VI - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation, especially in confined areas.

Environmental precautions:

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up:

Methods for containment: Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up: Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Clean contaminated surface thoroughly. Take up mechanically, placing in appropriate containers for disposal.

Section VII - Handling and Storage

Precautions for safe handling

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials: Incompatible with oxidizing agents.

Section VIII - 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: Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment:

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

Skin and body protection: Wear protective gloves and protective clothing.

Respiratory protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

IX - Physical and Chemical Properties

Physical state: Liquid

Appearance: cloudy

Color: white

Odor: Odorless

Odor threshold: No information available

<u>Property</u>	<u>Values</u>	<u>Remarks•Method</u>
pH	5	pH Range 4-5
Melting point/freezing point	0 °C / 32 °F	
Boiling point/boiling range	No information available	
Flash point	> 100 °C / > 212 °F	ASTM D 3278
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limits	No information available	
Lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	0.996	
Water solubility	completely soluble	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	Not Applicable	
Oxidizing properties	Not Applicable	

X - Stability and Reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight. To avoid thermal decomposition, do not overheat.

Incompatible materials

Incompatible with oxidizing agents.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx). Formaldehyde. Hydrogen

XI - Toxicological Information

Information on likely routes of exposure

Product Information

Irritating to eyes, skin and respiratory tract

Inhalation

Avoid breathing vapors or mists.

Eye contact

Avoid contact with eyes. Irritating to eyes.

Skin Contact

Avoid contact with skin. Irritating to skin.

Ingestion

Do not taste or swallow.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)		-
Triethoxyoctyl-Silane	0060 µL/kg (Rat)	= 5910 µL/kg (Rabbit)	-

Information on toxicological effects

Symptoms: Causes skin irritation. Causes eye irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization: No information available.

Germ cell mutagenicity: No information available.

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity: No information available.

STOT - single exposure: No information available.

STOT - repeated exposure: No information available.

Aspiration hazard: No information available.

XII - Ecological Information

Persistence and degradability:

No information available.

Bioaccumulation:

No information available.

Other adverse effects:

No information available

XIII - Disposal Considerations

Waste treatment methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container

XIV - Transportation Information

DOT: Not regulated

XV - Regulatory Information

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

Acute health hazard: No

Chronic Health Hazard: No

Fire hazard: No

Sudden release of pressure hazard: No

Reactive Hazard: No

XVI - Other Information

Disclaimer

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