



**24 Hour Emergency:**  
**INFOTRAC: 1-800-535-5053**

NOTE: INFOTRAC emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical Product / Company Information

Product Name: **Water Block** Revision Date: 10/07/2005  
Identification Number: **506** Supercedes : 10/07/2005  
Supplier: GST International, LLC Preparer: Schlie, Mike  
1475 Terminal Way, Suite A2  
Reno, NV 89502  
(775) 829-2626

### Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt % Less Than</u>	<u>ACGIH TLV-TWA</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-Ceiling</u>
Silicone solution - Solvent free siloxane/alkoxysilane emulsion	MIXTURE	20.0			

### Section 3 - Hazards Identification

\*\*\* EMERGENCY OVERVIEW \*\*\*: No Information.

Effects Of Overexposure - Eye Contact: Contact and/or vapors or mists can be severely irritating to the ocular tissue.

Effects Of Overexposure - Skin Contact: May cause skin irritation.

Effects Of Overexposure - Inhalation: Harmful if inhaled. Can cause nausea, dizziness, headache, and stupor.

Effects Of Overexposure - Ingestion: Harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: May cause liver disorder (e.g., edema, proteinuria) and damage. Overexposure may cause kidney damage. Possible reproductive hazard.

Primary Route(s) Of Entry: Skin Contact, Inhalation, Ingestion, Eye Contact

### Section 4 - First Aid Measures

First Aid - Eye Contact: Flush eyes with water a minimum of 15 minutes occasionally lifting lower and upper lids. Get medical attention promptly.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

First Aid - Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

## Section 5 - Fire Fighting Measures

Flash Point, F: >200  
(TCC)

Lower Explosive Limit, %: N.D.  
Upper Explosive Limit, %: N.D.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: Vapors can travel to a source of ignition and flash back.

Special Firefighting Procedures: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

## Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Eliminate all ignition sources. Ventilate spill area. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## Section 7 - Handling And Storage

Handling: Avoid breathing vapor, fumes or mist Avoid contact with eyes, skin, and clothing. Use only in a well ventilated area.

Storage: Store containers in a cool, well ventilated place. Keep away from heat, sparks, and flame. Keep container closed when not in use.

## Section 8 - Exposure Controls / Personal Protection

Engineering Controls: No Information.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin Protection: Wear protective gear as needed - apron, suit, boots. Wear impervious gloves to prevent contact with the skin.

Eye Protection: Wear safety glasses with side shields (or goggles) and a face shield.

Other protective equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic Practices: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Wash thoroughly after handling.

## Section 9 - Physical And Chemical Properties

Boiling Range:	N.D. - N.D.	Vapor Density:	>1 (air=1)
Odor:	Typical	pH:	N.D.
Appearance:	Milky white emulsion	Evaporation Rate:	<1 (n-butyl acetate=1)

Solubility in H <sub>2</sub> O:	Soluble	Viscosity:	N.D.
Freeze Point:	N.D.	Specific Gravity:	1.0091
Vapor Pressure:	N.D.		
Physical State:	Liquid		(See Section 16 for abbreviation legend) <b>506</b>

## Section 10 - Stability And Reactivity

Conditions To Avoid: No Information.

Incompatibility: No Information.

Hazardous Decomposition: Combustion can lead to the formation of formaldehyde. During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed. Toxic gases/fumes are given off during burning or thermal decomposition.

Hazardous Polymerization: N.D.

Stability: N.D.

## Section 11 - Toxicological Information

Product LD50: N.D.

Product LC50: N.D.

**Chemical Name**

Silicone solution

**LD50 mg/kg**

**LC50 mg/L**

## Section 12 - Ecological Information

Ecological Information: N.D.

## Section 13 - Disposal Information

Disposal Information: Dispose of waste in accordance with all local, state and federal regulations.

## Section 14 - Transportation Information

DOT Proper Shipping Name: Not regulated

Packing Group:

DOT Hazard Class:

DOT UN/NA Number:

Hazard Subclass:

ERG #

The listed Transportation Information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors.

## Section 15 - Regulatory Information

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### CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD

### SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

### Toxic Substances Control Act:

All components of this product are listed or are exempt from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) export notification rule, they will be listed below:

### U.S. State Regulations: As follows –

#### New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS Number</u>
Deionized water	7732-18-5

#### Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS Number</u>
Deionized water	7732-18-5

### California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Warning: The following ingredients present in the product are known to the state of California to cause birth defects or other reproductive hazards.

### International Regulations:

### CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**Section 16 - Other Information****HMIS Ratings:**

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: X

**VOLATILE ORGANIC COMPOUNDS, g/L: 0****REASON FOR REVISION:****Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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