

# MATERIAL SAFETY DATA SHEET

HYDRO-STOP INCORPORATED  
1465 PIPEFITTER STREET  
NORTH CHARLESTON, SC 29405

HEALTH EMERGENCY : (800) 739-5566  
SPILL EMERGENCY : (800) 739-5566

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## Section I - Compositional Information

### Product Identification

Product Name - **BarrierGuard**  
Product code - 4000-005 & 4000-001  
MSDS date - 07-15-05

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<u>Component Information</u>	<u>CAS REG NUMBER</u>	<u>AMOUNT</u>
1 - Acrylic Polymer	Not Hazardous	54%
2 - Water	Not Hazardous	43%
3 - Ammonia	7664-41-7	<.2%
4 - Additives	Mixture	2.8%

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## II - Physical Property Information

### Appearance - odor

Appearance: Milky  
Color : White  
Odor: Slight Ammonia smell

### Solubility in Water

Dilutable

### Freezing Point

0 degree C / 32 degrees F

### Volatile Organic Compounds

0 gm/lit

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## III - Fire and Explosion Hazard Information

### Flash Point

Non-Combustible

### Auto Ignition Temperature

Not applicable

**Extinguishing Media**

Not applicable

**Special Fire Fighting Procedures**

None

**Unusual Fire and Explosion Hazards**

Material can splatter above 100C/212F

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**IV - Health and Hazard Information**

**Emergency Response Information**

**Inhalation**

Move subject to fresh air. Not Hazardous.

**Skin Contact**

Prolonged contact may cause slight irritation. Wash affected skin areas thoroughly with soap and water.

**Eye Contact**

Slightly irritating to eyes. Flush eyes with a large amount of water for 5 minutes. Consult a physician if irritation persists.

**Ingestion**

If swallowed dilute by giving 2 glasses of water to drink. See a physician. Never give anything by mouth to an unconscious person.

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**V - Storage and Handling Information**

**Storage Conditions**

Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1C/34F. The maximum recommended storage temperature for this material is 49C/120F.

**Handling Procedures**

No special handling required.

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**VI - Spill or Leak Procedure Information**

**Steps to be taken in case material is released or spilled**

Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g.; sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

**Waste Disposal Methods**

Coagulate by the step wise addition of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer. Incinerate the solids and contaminated diking material according to local, state, and federal regulations.

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**VII - Special Protection Information**

**Ventilation Type**

Mechanical local exhaust ventilation at point of contaminant release.

**Respiratory Protection**

Wear suitable respirator (MSHA/NIOSH-approved or equivalent) where exposure limits are exceeded.

**Protective Gloves**

Impervious

**Eye Protection**

Chemical splash goggles (ANSI Z-87.1 or approved equivalent)

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**VIII - Storage and Handling Information**

**Storage Temperature**

Maximum 60C/140F      Minimum 1C/34F

**Precautionary Labeling**

Keep from freezing. Product may coagulate.

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**IX - Toxicity Information**

**Toxicity Information**

The effects of overexposure shown in Section IV are based on information about similar materials and on toxicity profiles for the solvents in this product.

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**X - Miscellaneous Information**

**Footnote to Section VII:** Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienist.

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## **XI - Regulatory Information**

### **Workplace Classifications**

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System(WHMIS).

### **Transportation classifications**

US DOT Hazard class -----NONREGULATED

### **Emergency Panning and Community Right-To-Know (SARA TITLE 3)**

#### **Section 311/312 Categorizations (40CFR 370)**

This product is not a hazardous chemical under 29cfr 1910.1200, and therefore is not covered by Title III of SARA.

#### **Section 313 Information (40CFR 372)**

This product does not contain a chemical which is listed in Section 313 above the minimum concentrations.

### **CERCLA Information (40CFR 302.4)**

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

### **RCRA INFORMATION**

When this product becomes a waste, it is classified as a non-hazardous waste under criteria of the Resource Conservation and Recovery Act (CFR 261).