

# MATERIAL SAFETY DATA SHEET

HYDRO-STOP INCORPORATED  
1465 PIPEFITTER STREET  
CHARLESTON, SC 29405

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

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## Section I – Compositional Information

### Product Identification

Product Name - **ClearGuard Plus**  
Product Code - 6000-005 & 6000-001  
MSDS date - 07/15/05

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Component Information	CAS REG NUMBER	OSHA PEL	ACGIH TLV
Perfluoroalkyl Methacrylic Copolymer	7732-18-5	n.e.	n.e.
Fatty alcohol polyglycol ether	9043-30-5	n.e.	n.e.
Alkylalkoxysilane	Proprietary	n.e.	n.e.
Alkylalkoxysiloxane	Proprietary	n.e.	n.e.
Masonry Water Repellant	Mixture	n.e.	n.e.

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## Section II – Physical Property Information

Boiling Point, degrees F:		Approximately 212
Vapor Pressure, 68 deg. F mm Hg:		Not Determined
Vapor Density (Air = 1):		Not Determined
Solubility in Water		Miscible
Appearance and Odor		White liquid with a slight odor
Specific Gravity (water = 1)		0.957
Percent Volatile (by weight)		Not determined
Evaporation rate (Ether = 1)		Not determined
Flashpoint, degrees F:		>200 (>93 degrees C)
(Method Used)		Tag closed cup
Flammable limits in air, %	LEL:	Non-flammable
	UEL:	Non-flammable
PH		7.5
Volatile organic components:		less than 54 gm/lit
Viscosity:		10 cSt.

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## Section III – Fire and Explosion Hazard Information

Not considered a fire hazard. When involved in a fire, does not contribute any unusual hazards.

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## Section IV – Firefighting Techniques

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from the fire area. Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

Use standard fire fighting techniques to extinguish fires involving this material: use water spray, dry chemicals or carbon dioxide.

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### Section V – Toxicology

Toxicological testing has not been conducted.

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### Section VI – Human Health Hazards

**EYE CONTACT:** May cause irritation

**SKIN CONTACT:** May cause irritation

**INHALATION:** May cause mucous membrane and respiratory tract irritation. Inhalation of aerosols of aminofunctional siloxanes from solutions with organic solvents or ayuecus emulsions may cause toxic lung effects. Neurotoxic effects possible; lung damage is possible at high concentrations.

**INGESTION:** Not expected in industrial use.

**ACUTE EFFECTS OF EXPOSURE:** Refer to routes of exposure above.

**CHRONIC EFFECTS OF EXPOSURE:** Not known

There are no data available which address medical conditions which are generally recognized as being aggravated by exposure to this product.

This material does not contain any ingredients listed by IARC, NTP, or OSHA as carcinogens in amounts exceeding 0.1%.

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### Section VII – First Aid

**EYE CONTACT:** In case of contact, flush eyes well with water for 15 minutes. Obtain medical attention if irritation occurs.

**SKIN CONTACT:** Remove excess material from the skin with a waterless skin cleaner. Flush skin with plenty of water and wash well with water and soap. Remove contaminated clothing and shoes. Wash clothing before re-use. Obtain medical attention if irritation occurs.

**INHALATION:** If inhaled, remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

**INGESTION:** Never give an unconscious person anything to drink. If unconscious, treat for shock. Notify a physician or the nearest poison control center immediately. If conscious, have the person rinse his mouth with cold water. If conscious, induce vomiting by using a finger or other object such as a spoon to tickle the back of the throat. If unconscious and vomiting, turn the person on his side to avoid choking. Allow the victim t drink as much cold water as desired.

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### Section VII – Industrial Hygiene

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, specific safe handling procedures should be developed by a person knowledgeable of the intended use conditions and equipment. During the development of safe handling procedures, consideration should be given to the need for cleaning of equipment and piping systems to render them non-hazardous before maintenance and repair activities are performed.

**ENGINEERING CONTROLS:** When the need for engineering controls is indicated by the conditions under which the product is used, one or more of the following techniques may be selected to limit employee exposure: general ventilation, local exhaust ventilation, enclosure or confinement of the operation, and/or process isolation with remote control operation.

**INGESTION:** Open containers of food and beverages should be kept away from areas where the product is used or stored. Eating, drinking, smoking, and application of cosmetics should be prohibited in areas where the product is being used. Before eating, hands and face should be washed to remove residual contamination.

**SKIN CONTACT:** Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing selected with regard for use condition exposure potential.

**EYE CONTACT:** Eye contact should be avoided through the use of chemical safety glasses, goggles or a face shield selected with regard for use condition exposure potential.

**INHALATION:** If the possibility exists that aerosols or mists may be formed while handling or processing this material, the use of a NIOSH/MSHA approved dust, fume and mist respirator designed as having an exposure limit of less than 0.05 mg/m<sup>3</sup> is recommended.

**EXPOSURE LIMITS:** No exposure limit has been established for this material. Exposure limits for its hazardous components, if any, are listed in Section 1A on page one..

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### **Section IX – Chemical Reactivity**

Chemically incompatible substances are strong oxidizing agents, strong acids and alkalis.

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### **Section X – Stability**

Stable at ambient temperatures and atmospheric pressure.

**HAZARDOUS/THERMAL DECOMPOSITION PRODUCTS:** SiO<sub>2</sub>, CO, CO<sub>2</sub>, formaldehyde and various hydrocarbon fragments.

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### **Section XI – Spill Handling**

Make sure all personnel involved in the spill cleanup follow good industrial hygiene practices (refer to SECTION VIII: INDUSTRIAL HYGIENE).

Absorb spill with sand or Fuller's earth. Sweep up and place in an appropriate chemical waste container. Flush spill area with water. Observe all local, state and federal laws and regulations regarding disposal, spill, cleanup, removal or discharge.

(See SECTION XIV: DISPOSAL OF UNUSED MATERIAL)

### **Section XII – Corrosivity to Materials of Construction**

Noncorrosive to materials commonly used in the construction of process equipment, storage and shipping containers.

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### **Section XIII – Storage Requirements**

Store in a cool, dry, well ventilated area. Exercise due caution to prevent damage to the container.

Protect from freezing.

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### **Section XIV – Disposal of Unused Material**

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act (RCRA). Note: State and local regulations may be more stringent than RCRA.

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## Section XV – Disposal of Container

Dispose of empty containers according to any applicable regulations under the Resource Conservation and Recovery Act (RCRA).

Note: State and local regulations may be more stringent than RCRA.

Empty containers may contain residual material. Do not reuse containers unless properly reconditioned.

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## Section XVI – Regulatory Information

TSCA: This material is in compliance with TSCA regulations.

SARA: This material does not contain any substances on the list of Toxic Chemicals subject to Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III), in excess of the applicable de minimis concentrations as specified in Section 372.38 (a).

RCRA Hazard Class: Not Regulated.

Department of Transportation (DOT) :  
Proper shipping name (172.101 (c)) : None – not regulated  
Technical Name(s) (172.203 (k)) : None  
Hazard Class (172.101 (d)) : None – non-hazardous  
UN/NA Number (172.101 (e)) : Not applicable  
Label Required: None  
Inhalation hazard (173.3a (b)) : Not applicable  
Hazardous Substance RQ (Name) :  
Acetic acid, 5000 #

This material or one of its components is not listed on the Canadian Domestic Substance List (DSL).

CANADIAN INGREDIENT DISCLOSURE LIST: This material does not contain listed components in quantities greater than the specified weight – to – weight concentration.

California Proposition 65: No components listed.

Massachusetts Substance List: No components listed.

Pennsylvania Hazardous Substance List: No components listed.

New Jersey R – T – K Hazardous Substance List: No components listed.

Hazardous Materials Identification System (HMIS) :  
(for materials as packaged) :

Health Hazard =	1
Flammability Hazard	0
Reactivity Hazard =	0
Personal Protection +	G

NOTE: Respiratory protection is recommended in the event that ventilation or engineering controls are unable to maintain exposures below recommended levels, or in the event of a spill or other emergency situation.

Hazardous Material Identification System and HMIS are registered trademarks of the National Paint and Coatings Association.

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## Section XVII – Additional Information

n.e. = Not established; n.a. = Not applicable/not available; n.d. = Not determined; TLV = Threshold Limit Value; PEL = Permissible Exposure Limit; OSHA = Occupational Safety and Health Administration; ACGIH = American Conference of Governmental Industrial Hygienists; LED = Lower Explosive Limit; EL = Upper Explosive Limit; pm = parts per million; TSCA Toxic Substance Control Act; SARA = Superfund Amendments and Reauthorization Act; DOT = Department of Transportation.

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This information relates to the specific material designated any may not be valid for such material used in combination with any other materials or in any process. Such information is to be the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license under valid patents.