

MATERIAL SAFETY DATA SHEET

HYDRO-STOP LLC
1465 PIPEFITTER STREET
CHARLESTON, SC 29405

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

Section 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name : **Clean Act** Rinseable Primer for EPDM Surfaces
Product Code: 2010-001 & 2010-005
MSDS Date: 01/02/08 (This MSDS supersedes all previous versions)

Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component Information</u>	<u>CAS REG NO</u>	<u>AMOUNT</u>
1 - Inorganic Salts	Not Hazardous	1.0 – 5.0 %
2 - Anionic/nonionic surfactant mixture	Not Hazardous	1-4%
3 – Water	7732-18-5	91-98%

Section 3 – HAZARDS IDENTIFICATION

Emergency Overview

Appearance

Form liquid clear
Color Colorless to light purple
Odor mild odor

Hazard Summary	CAUTION! INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE/SKIN IRRITATION.
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Potential Health Effects

Primary Routes of Entry: Inhalation
Eye Contact
Skin Contact

Eyes: Direct contact with material can cause the following: slight irritation

Skin: Prolonged or repeated skin contact can cause the following: slight irritation

Inhalation: Inhalation of vapor or mist can cause the following: irritation of nose, throat, and lungs. Headache, nausea.

Carcinogenicity: Not considered carcinogenic by NTP, IARC, and OSHA

Section 4 – FIRST AID MEASURES

Inhalation- Move subject to fresh air.

Eye Contact- Rinse with plenty of water. If eye irritation persists, consult a specialist.

Skin Contact- Wash with water and soap as a precaution. Consult a physician if irritation persists.

Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

Section 5 – FIRE-FIGHTING MEASURES

Flash Point	Noncombustible
Auto-ignition Temperature	No Data
Lower Explosive Limit	Not applicable
Upper Explosive Limit	Not applicable

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Specific hazards during fire fighting: Material can splatter above 100C/212F. Dried product can burn.

Personal Protective Equipment: In the event of fire, wear self-contained breathing apparatus.

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment.

Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

Environmental Precautions

WARNING: KEEP SPILLS OF PRODUCT AS SUPPLIED OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER. DO NOT DISCHARGE CLEANING RUNOFFS DIRECTLY TO OPEN BODIES OF WATER.

Methods for Cleaning Up

Contain spills immediately with inert materials (e.g., sand, earth).
Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

Section 7 – HANDLING AND STORAGE

Handling- Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

Storage Conditions: Avoid temperature extremes during storage; ambient temperature preferred. Store away from excessive heat (e.g. steam pipes, radiators), from sources of ignition and from reactive materials. Store out of direct sunlight in cool place. Keep containers tightly closed in a cool, well-ventilated place. Do not store this material in containers made of the following: aluminum

Further Information: Keep from freezing – product stability may be affected. STIR WELL BEFORE USE.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Information: Exposure limits are listed below, if they exist.

Eye Protection- Safety glasses with side-shields. Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection- The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves

Protective Measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Engineering Measures: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min (0.5 m/sec) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Government

Industrial Hygienists of information on the design, installation, use and maintenance of exhaust systems.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	liquid clear
Color	Colorless to light purple
Odor	mild odor
pH	6.0-8.0
Boiling point/range	100 degrees Celsius (212.00 F) Water
Flash point	Noncombustible
Lower explosion limit	Not Applicable
Upper explosion limit	Not Applicable
Vapor pressure	17.0 hPa at 20 C (68.00 F) Water
Relative vapor density	<1.0 Water
Water solubility	completely soluble
Relative density	no data available
Viscosity, dynamic	no data available
Evaporation rate	<1.00 Water
Percent volatility	91 – 98 %
VOC's	<5 g/l

NOTE: The physical data presented above are typical values and should not be construed as a specification.

Section 10 – Stability and Reactivity

Hazardous reactions-	None known. Stable
Materials to avoid-	There are no known materials which are incompatible with this product.
Hazardous decomposition products-	There are no known hazardous decomposition products for this material.
Polymerization-	Product will not undergo hazardous polymerization.

Section 11 – Toxicological Information

Acute dermal toxicity	LD50 rat >2,000 mg/kg
Skin irritation	rabbit slight irritation
Eye irritation	rabbit slight irritation

Section 12 – ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish	LC50 Rainbow trout (<i>Oncorhynchus mykiss</i>) 96h 262 mg/l
Toxicity to algae	EC50 (Cell density) <i>Pseudokirchneriella subcapita</i> 96h 50 mg/l
Toxicity to aquatic invertebrates	LC50 <i>Daphnia magna</i> 48 h 220 mg/l

Section 13 – DISPOSAL CONSIDERATIONS

Environmental Precautions: WARNING; KEEP SPILLS OF PRODUCT AS SUPPLIED OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER. DO NOT DISCHARGE CLEANING RUNOFFS DIRECTLY TO OPEN BODIES OF WATER.

Disposal Waste Classification: When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP). For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

Section 14 – Transport Information

DOT

Not regulated for transport

IMO/IMDG

Not regulated (Not dangerous for transport)

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

Section 15 – REGULATORY INFORMATION

Workplace Classification- This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

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

SARA TITLE III: Section 311/312 Categorizations (40CFR370): This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA

SARA TITLE III: Section 313 Information (40CFR372): This product does not contain a chemical which is listed in Section 313 at or above the minimum concentrations.

CERCLA Information (40CFR302.4): Releases of the material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmentally 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.

U.S. Toxic Substances Control Act (TSCA) All components of this product are in compliance with the inventory listing requirements of the U.S> Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Pennsylvania- Any material listed as “Not Hazardous” in the CAS REG NO. column of SECTION 2, Composition/Information On Ingredients, of the MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right t-to-Know Act.

California (Proposition 65)- This product contains trace levels of a component or components known to the state of California to cause cancer:

Components: Dioxane 123-91-1

Section 16 – Other Information

Hazard Rating-

	Health	Fire	Reactivity
HMIS	1	0	0

Legend:

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short Term Exposure Limit

BAC	Butyl acetate
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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 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.