

# MATERIAL SAFETY DATA SHEET

**Innovative Concrete Technology Corp.**  
**05/19/03**

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**Prepared:**

## Section 1 - Product Information

**Product name: Color Seal H<sub>2</sub>O Pro**

Description: Concrete and Deck Sealer – Topcoat

Synonyms: None

Molecular Formula: N/A

Chemical Family: N/A

## Section 2 - Hazardous Ingredients

CHEMICAL NAME(S)	CAS No.	OSHA PEL		ACGIH TWA		SARA TITLE III
		PPM	MG/CU M	PPM	MG/CU M	
2,2,-Trimethyl-1-1, 3-pentanediol mono (2-methylpropanoate)	25265-77-4	not established				
Ethylene glycol Monobutyl ether	111-76-2	50	240	20		*Yes
1,2 Propylene Glycol	57-55-6	not established				

\* A Yes in the SARA Title III column in Section 2 indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372.

## Section 3 - Physical Properties

**Color:** Various

**Specific Gravity:** 1.3

**Appearance:** Viscous liquid

**Odor:** Mild Characteristic Odor

**Evaporation Rate:** (N-Butyl Acetate = 1) <1

**% Volatile** (by weight): 52.5%

**Volatile Organic Compounds (VOC's)** 0.78

**PH:** 8.0 – 8.5

**Boiling Point:** > 212°F

**Solubility in water:** Emulsifies

## Section 4 - Fire and Explosion Data

**Flash Point:** Non-Flammable

**Extinguishing Media:** Use water fog, foam, CO<sub>2</sub> or dry chemical extinguishing media.

**Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers cool with water spray to prevent container rupture due to steam buildup. Floor will become slippery if material is released.

**Unusual Hazards:** There are no known unusual fire or explosion hazards.

## Section 5 - Health Effects

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Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Overexposure Effects:** Based on test data and experience with similar products, it is believed that this is a low hazard material. Ingestion may cause gastric upset, pain, diarrhea, and lethargy. Inhalation of the vapors may result in respiratory irritation.

**Inhalation:** High concentrations are irritable to the respiratory tract; may cause headache, nausea, dizziness, vomiting and malaise. **First Aid:** Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

**Skin:** Brief contact may cause slight irritation; prolonged contact may cause moderate reddening, swelling and possible necrosis. **First Aid:** Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

**Eyes:** Contact causes severe irritation and pain associated with redness and swelling and of conjunctiva. **First Aid:** Immediately rinse eyes with running water for 15 minutes. If irritation develops, seek medical attention.

**Ingestion:** Moderately toxic; may cause headache, dizziness, diarrhea and general weakness; large doses may result in red blood cell hemolysis. **First Aid:** If swallowed, dilute with water and do not induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**Medical conditions generally aggravated by exposure:** Preexisting skin, eye or respiratory disorders may become aggravated through prolonged exposure.

## Section 6 - Reactivity Data

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**Stability Data:** Stable

**Incompatibility:** Strong oxidizers, strong acids

**Condition /Hazards to Avoid:** Maintain storage temperature at 50°-90°F. Keep from freezing.

**Hazardous Polymerization:** Does not occur.

**Hazardous Decomposition or Byproducts:** Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes and smoke may be produced.

## Section 7 - Personal Protection

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**Clothing:** Gloves, coveralls, apron, and boots as necessary to prevent contact.

**Eyes:** Chemical goggles: Also wear a face shield if splashing hazard exists.

**Respiration:** If vapors or mists are generated, wear a NIOSH /MSHA approved organic vapor respirator.

**Ventilation:** Open all doors and windows to allow for adequate air flow and circulation.

## Section 8 - Spill and Leak / Environmental

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Spills should be contained and placed in suitable containers for disposal in a licensed facility; refer to SARA Title III, Section 313, 40 CFR 372 for complete regulations concerning reporting requirements.

**Waste Disposal:** Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

**Container Disposal:** Recommended crushing or other means to prevent unauthorized reuse.

## Section 9 - Regulatory Information

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RCRA Hazardous Waste Number: N/A

CERCLA: No

**HAZARD RATING:**    **Health- 1**                      **Fire- 0**                      **Reactivity- 0**                      **Special: NA**

This product is not a physical hazard to health according to the OSHA Hazard Communication Standards.

The information contained herein is to our knowledge true and accurate. All recommendations and suggestions are made without guarantee, since the condition of use are beyond our control.

## Section 10 - Disposal Methods

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**Waste Disposal Method:** Dispose of in accordance with Local, State and Federal Regulations. Product is classified as non-hazardous; however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state or Federal Environmental Protection Agency before disposing of any chemicals.