

MATERIAL SAFETY DATA SHEET

Innovative Concrete Technology Corp.
2410 McJunkin Rd.
Lakeland, FL 33801

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Emergency Telephone: 888-296-5236

Section 1 - Product Information

Product name: ICT Water Shield
Description: Waterproofer, Sealer
Synonyms: None
Molecular Formula: N/A
Chemical Family: N/A

Section 2 - Hazardous Ingredients

Chemical Name(s):	CAS#	OSHA PEL ppm	ACGIH TLV ppm
Solvent Naptha	64741-65-7	100ppm	100ppm
* Methyltrimethylsilane	1185-55-3		
* Octamethylcyclotetrasiloxane	556-7-2		
* N-Octyltriethoxysilane	2943-75-1		
* Dimethyldimethyloxysilane	1112-39-6		
* Hexamethyl cyclotrisiloxane	541-05-9		

* These items are hazardous as defined in 29CFR 1910.1200

Ethyl Alcohol is formed upon contact with water or humid air. Provide adequate ventilation within OSHA PEL and ACGIH TLV: TWA 1000 ppm. Methyl Alcohol forms on contact with water or humid air. Provide adequate ventilation to control exposures within OSHA PEL and ACGIH TLV: TWA 200 ppm. N-Butyl Alcohol is formed on contact with water or humid air. Provide adequate ventilation to control exposures within OSHA PEL: TWA 100ppm and ACGIH TLV: TWA 20 ppm.

Section 3 - Physical Properties

Color: Water Clear

Appearance: Clear

Odor: mild solvent odor

Evaporation Rate: 25 (ethyl ether =1)

Specific Gravity: .935

Boiling Point: TBA

Solubility in Water: not soluble

Freezing Point: N/A

Section 4 - Fire and Explosion Data

Flash Point: 120 F

Flammable Limits: LEL-1.0

UEL-7.0

Extinguishing Media: Foam, CO2 or dry chemical extinguishing media. Avoid accumulation of water as product will float.

Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Unusual Hazards: Vapors are heavier than air and may accumulate in low areas or areas inadequately ventilated. May create vapor/air explosion hazard indoors, outdoors, in sewers. Never use welding or cutting torch on or near container (even empty), product residue can ignite or cause explosion.

Section 5 - Health Effects

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

Overexposure Effects:

Overexposure can lead to central nervous system depression producing such effects as headache, dizziness, nausea and loss of consciousness.

Eye Contact: Short term liquid or vapor contact may result in slight eye irritation. Prolonged and/or repeated contact may be more irritating.

Skin Contact: Short term contact may cause skin irritation. Prolonged and repeated liquid contact can cause defatting and drying of the skin; which may result in dermatitis.

Inhalation: High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes. Overexposure to vapors may produce central nervous system depression, causing narcosis. Inhalation of aerosols may cause damage to lungs.

Ingestion: Aspiration Hazard. Liquid ingestion may result in vomiting; aspiration of liquid into the lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage.

First Aid Procedures:

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

Eyes: Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

Ingestion: Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

Inhalation: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Section 6 - Reactivity Data

Stability Data: Stable

Incompatibility: Avoid Oxidants

Conditions/Hazards to Avoid: Maintain storage temperature at 50-90F

Hazardous Polymerization: Does not occur.

Corrosive Properties: Not corrosive

Section 7 - Personal Protection

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 mist are generated, wear a **NIOSH/MSHA** approved (**CFR** 1910.134) mask if allergies to said product exist.

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

Section 8 - Spill and leak / Environmental

Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by **RCRA** or **CERCLA**.

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

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

Section 9 - Regulatory Information

RCRA Hazardous Waste Number: N/A

DOT Hazard Classification: Combustible

Hazard Ratings: Health -1 Fire-2 Reactivity-0 Special: NA

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