

MATERIAL SAFETY DATA SHEET



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MSDS Ref. No: 121
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Revision No: 5

Watershield

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Watershield

MANUFACTURER

Geocel Corporation
P.O. Box 398
Elkhart, IN 46515
Product Stewardship: (574)264-0645

24 HR. EMERGENCY TELEPHONE NUMBERS

Emergency Phone: (800)255-3924

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Aromatic Hydrocarbon	64742-95-6	265-199-0	
2-methoxy-1-methyl ethyl acetate	108-65-6	203-603-9	
Tetrachloroethylene	127-18-4	204-825-9	

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: May cause significant irritation to the eyes.

SKIN: May cause significant irritation to the skin.

INHALATION: May cause significant pulmonary irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation of the eye.

SKIN: Irritation of the skin.

INGESTION: Possible nausea and/or vomiting.

INHALATION: Headache and dizziness.

CHRONIC: Frequent or prolonged overexposure may irritate or cause dermatitis.

CARCINOGENICITY: This product contains chemicals suspected of being carcinogens by the NTP and OSHA.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing eye, skin and respiratory disorders.

ROUTES OF ENTRY: Inhalation, ingestion, absorption through the eyes and skin.

4. FIRST AID MEASURES

EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. Seek medical attention.

SKIN: Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. Wash contaminated clothing and shoes before reuse.

INGESTION: Give large amounts of water. Do not induce vomiting. Seek medical attention.

INHALATION: Move individual to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (118°F)TAG CC

FLAMMABLE LIMITS: 1 to 7

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or fog.

EXPLOSION HAZARDS: Solvent vapors are heavier than air and may travel along the ground or be moved by ventilation and be ignited by sources distant from handling points.

FIRE FIGHTING EQUIPMENT: Standard protective fire fighting clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer it to the appropriate receptacle. Ventilate well.

LARGE SPILL: Wearing the personal protective equipment designated in Section 8, carefully contain the spill and transfer it to the appropriate receptacle. Ventilate well.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid storage at extremes of temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: Chemical resistant protective gloves are recommended.

RESPIRATORY: Not required with adequate ventilation.

WORK HYGIENIC PRACTICES: Wash hands thoroughly after each use, especially before eating or smoking. Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Hydrocarbon odor.

APPEARANCE: Viscous liquid.

VAPOR PRESSURE: 3 mmHg at 20°C

VAPOR DENSITY: 4 (Air=1)

BOILING POINT: Not Applicable

MELTING POINT: Not Applicable

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: 0.3 (n-Butyl Acetate=1)

DENSITY: 10.25

SPECIFIC GRAVITY: 1.23

(VOC): 571 g/l

(VOC) NOTES: VOC content is less than 4% by weight.

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material may cause significant irritation to the eyes.

SKIN EFFECTS: This material may cause significant irritation to the skin.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No ecological studies have been carried out on this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Generators must consult DOT laws and regulations to ensure the product is being transported appropriately.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: This product poses the following physical and health hazard(s) as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986:

FIRE: YES **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES **CHRONIC:** YES

313 REPORTABLE INGREDIENTS: This product contains the following chemical(s) subject to reporting under SARA Title III Section 313:

Tetrachloroethylene

CALIFORNIA PROPOSITION 65: This product contains the following products on California's Proposition 65 List:

Tetrachloroethylene

16. OTHER INFORMATION

PREPARED BY: Wendy M. Smith, Environmental Specialist

REVISION SUMMARY Revision #: 4

This MSDS replaces the January 16, 2003 MSDS. Any changes in information are as follows:

In Section 9

Density (lbs) Specific Gravity (From) Volatile Org Comp (VOC) VOC (From)

HMIS RATING

HEALTH:		2
FLAMMABILITY:		2
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:	B	

NFPA CODES

