



# Material Safety Data Sheet

Prepared in Accordance with 29 CFR 1910.1200

## Section 1. Chemical Product and Company Identification

<b>Product Name/ Trade name</b>	<b>Green Earth Prelude Floor Finish and Sealer</b>	<b>Code</b>	547
<b>Synonym</b>	Not available.	<b>TSCA</b>	
<b>Chemical Family</b>	Not available.	<b>DSL</b>	
<b>Chemical Formula</b>	Not applicable.	<b>Validation Date</b>	4/18/2008
<b>Manufacturer</b>	Betco Corporation 1001 Brown Avenue Toledo, Oh 43607 (419) 241-2156	<b>Print Date</b>	4/21/2008
<b>In Case of Emergency</b>	Chemtrec (800) 424-9300		

<b>Hazardous Material Information System (U.S.A.)</b>	<b>Health</b>	<b>1</b>	<b>National Fire Protection Association (U.S.A.)</b>	
	<b>Flammability</b>	<b>0</b>		
	<b>Reactivity</b>	<b>0</b>		
	<b>Personal Protection</b>			

<b>WHMIS (Pictograms)</b> 	<b>WHMIS (Classification)</b> CLASS D-2B: Material causing other toxic effects (TOXIC).	<b>Protective Clothing</b> 
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## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Polymer Emulsion	N/A	15-20	Not available.	Not available.
Diethylene Glycol Ethyl Ether	111-90-0	1 - 5	TWA: 25 ppm CEIL: 25 ppm	ORAL (LD50): Acute: 5540 mg/kg [Rat].
Tributoxyethyl Phosphate	78-51-3	1 - 5	Not available.	Not available.
Oxidized Ethylene Copolymer	68441-17-8	0.1 - 5	Not available.	Not available.

## Section 3. Hazards Identification

<b>Potential Acute Health Effects</b>	This product is an eye irritant.
<b>Potential Chronic Health Effects</b>	Over-exposure by inhalation may cause respiratory irritation. Prolonged exposure may produce anesthetic or narcotic effects. May aggravate existing respiratory conditions such as asthma. This product may aggravate existing skin conditions such as dermatitis.

## Section 4. First Aid Measures

<b>Eye Contact</b>	Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention.
<b>Skin Contact</b>	After contact with skin, wash immediately with plenty of water. Seek medical attention if irritation persists.
<b>Inhalation</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration., preferably mouth to mouth if possible.

<b>Ingestion</b>	Call a poison control center immediately for treatment advice. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person
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### Section 5. Fire Fighting Measures

<b>Products of Combustion</b>	carbon oxides (CO, CO2)
<b>Fire Fighting Media and Instructions</b>	Use water spray or fog.
<b>Special Remarks on Fire Hazards</b>	Not available.
<b>Special Remarks on Explosion Hazards</b>	Not available.


### Section 6. Accidental Release Measures

<b>Small Spill and Leak</b>	Absorb with an inert material and place in an appropriate waste disposal container.
<b>Large Spill and Leak</b>	Do not allow any potentially contaminated water including rain water, runoff from fire fighting or spills to enter any waterway, sewer or drain. Prevent entry into sewers, basements or confined areas; dike if needed.

### Section 7. Handling and Storage

<b>Incompatibility</b>	acids, oxidizing agents
<b>Storage</b>	Store in an appropriate container. Keep out of the reach of children. Keep From Freezing

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No special recommendations.
<i>Respiratory</i>	Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s). Vapor respirator, with organic vapor cartridge.
<i>Hands</i>	Gloves, Chemical resistant.
<b>Protective Clothing (Pictograms)</b>	
<b>Exposure Limits</b>	<b>Diethylene Glycol Ethyl Ether</b> TWA: 25 CEIL: 25 (ppm)  Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Characteristic.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH</b>	7 to 8.5	<b>Color</b>	White.
<b>Boiling/Condensation Point</b>	100°C (212°F)		
<b>Melting/Freezing Point</b>	Not available.		

<b>Critical Temperature</b>	Not available.
<b>Instability Temperature</b>	Not available.
<b>Specific Gravity</b>	1.025 (Water = 1)
<b>Vapor Pressure</b>	Not available.
<b>Vapor Density</b>	Not available.
<b>Volatility</b>	>30% (w/w).
<b>VOC</b>	2(%)
<b>Evaporation Rate</b>	<1 compared to Water
<b>Odor Threshold</b>	Not available.
<b>Viscosity</b>	Not available.
<b>LogK<sub>ow</sub></b>	Not available.
<b>Dispersion Properties</b>	Not available.
<b>Solubility</b>	Not available.
<b>The Product is:</b>	May be combustible at high temperature.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	CLOSED CUP: >98.889°C (210°F).
<b>Flammable Limits</b>	Not available.
<b>Fire Hazards in Presence of Various Substances</b>	Not available.
<b>Explosion Hazards in Presence of Various Substances</b>	Containers may explode when heated.

### **Section 10. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	acids, oxidizing agents
<b>Hazardous Decomposition Products</b>	Thermal degradation may produce solvent vapors, oxides of carbon, sulfur, calcium and nitrogen.

### **Section 11. Toxicological Information**

<b>Routes of Entry</b>	Skin , Eyes, Ingestion, Inhalation.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 5540 mg/kg [Rat]. (Diethylene Glycol Ethyl Ether).
<b>Acute Effects on Humans</b>	
	<i>Eyes</i> Moderately irritating to the eyes.
	<i>Skin</i> May cause irritation.
	<i>Inhalation</i> May cause headache, dizziness.
	<i>Ingestion</i> Harmful if swallowed. May cause headache, dizziness, nausea, vomiting and diarrhea.
<b>Chronic Effects on Humans</b>	Over-exposure by inhalation may cause respiratory irritation. Prolonged exposure may produce anesthetic or narcotic effects. May aggravate existing respiratory conditions such as asthma. This product may aggravate existing skin conditions such as dermatitis.

### Section 12. Ecological Information

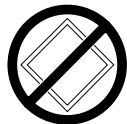
Ecotoxicity	Not available.
BOD5 and COD	Not available.

### Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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### Section 14. Transport Information

DOT (U.S.A)  
(Pictograms)



TDG Classification Not controlled under TDG (Canada).



PIN / Proper Shipping Name Not applicable.

Special Provisions for Transport Not applicable.

### Section 15. Other Regulatory Information and Pictograms

Other Regulations Not available

USA Regulatory Lists California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Acrylonitrile, Ethylbenzene.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Diethylene Glycol Ethyl Ether: fire; SARA 313 toxic chemical notification and release reporting: Diethylene Glycol Ethyl Ether

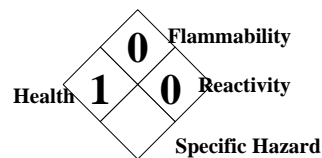
DSD (EEC)

International Regulations Lists No products were found.

Hazardous Material Information System (U.S.A.)

Health	1
Flammability	0
Reactivity	0
Personal Protection	

National Fire Protection Association (U.S.A.)



DSD (Europe)  
(Pictograms)

**Section 16. Other Information**

Validated by CRushton on 4/18/2008.

Verified by CRushton.

Printed 4/21/2008.

**Information Contact Betco Corporation**  
1001 Brown Avenue  
Toledo, Ohio 43607

Notice to Reader:

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 4/18/2008.

**Green Earth Prelude Floor Finish and  
Sealer**

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