





# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	Not controlled under WHMIS (Canada).	HCS CLASS: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name	<b>Floor Sealer</b>	Code	607
Synonym	Metal Interlocked Acrylic Polymer Floor Finish	CAS #	Mixture.
Chemical Family	N/A	Validation Date	3/26/2004
Chemical Formula	Not applicable.	Print Date	3/27/2004
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156	In Case of Emergency	CHEMTREC (800) 424-9300
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL/ NDSL	All components listed unless noted elsewhere on this MSDS		
<b>Protective Clothing</b> 			

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
1) Acrylic Polymer	N/A	10-15	Not available.	Not available.
2) Tributoxyethyl Phosphate	78-51-3	0-5	Not available.	Not available.
3) Homopolymer	68441-73-6	0-5	Not available.	Not available.
4) Diethylene Glycol Ethyl Ether	111-90-0	0-5	TWA: 25 CEIL: 25 (ppm)	ORAL (LD50): Acute: 5540 mg/kg [Rat].
5) Ammonium Hydroxide	1336-21-6	0.01-1	Not available.	Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects	May cause mild irritation to the skin. This product is an eye irritant.
Potential Chronic Health Effects	Repeated skin exposure can produce local skin destruction, or dermatitis.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

## Section 4. First Aid Measures

Eye Contact	Flush with large quantities of water. Seek medical attention if irritation persists.
Skin Contact	Flush with water. Seek medical attention if irritation persists.
Inhalation	N/A
Ingestion	Dilute with two glasses of water. Seek medical attention if symptoms persist.

### Section 5. Fire Fighting Measures

Products of Combustion	Not Available
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A

### Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Gloves. Splash goggles. Boots.

### Section 7. Handling and Storage

Precautions	Avoid contact with skin and eyes.
Incompatibility	None known.
Storage	Keep out of reach of children. For Institutional and Commercial Use Not for use or storage in or around the home.

### Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	
<i>Eyes</i>	Splash goggles.
<i>Body</i>	No special protective clothing is required.
<i>Respiratory</i>	Not applicable.
<i>Hands</i>	Gloves.

Protective Clothing (Pictograms)



Exposure Limits	Not available.
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### Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid	Odor	Characteristic.
Molecular Weight	Not applicable.	Taste	Not available.
pH	8.1 to 8.9 [Basic.]	Color	White.
Boiling/Condensation Point	212°F initial		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1.017 (Water = 1)		

<b>Vapor Pressure</b>	20mm Hg @ 68°F
<b>Vapor Density</b>	>1 (Air = 1)
<b>Volatility</b>	
<b>VOC</b>	Not available.
<b>Evaporation Rate</b>	<1
<b>Dispersion Properties</b>	Dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.
<b>Solubility</b>	Soluble
<b>The Product is:</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not Available
<b>Flash Points</b>	None to Boiling (TCC)
<b>Flammable Limits</b>	Not Applicable
<b>Fire Hazards in Presence of Various Substances</b>	not available
<b>Explosion Hazards in Presence of Various Substances</b>	Not Applicable

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

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	None known.
<b>Hazardous Decomposition Products</b>	Will not occur.

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

<b>Routes of Entry</b>	Eye Contact Ingestion. INHALATION Skin contact.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 5000 mg/kg [Rat]. (Propylene Glycol).
<b>Acute Effects on Humans</b>	
<i>Eyes</i>	Eye irritant. May cause redness and swelling of the conjunctiva.
<i>Skin</i>	Prolonged or repeated contact may cause irritation or dermatitis.
<i>Inhalation</i>	N/A
<i>Ingestion</i>	May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses.
<b>Chronic Effects on Humans</b>	Repeated skin exposure can produce local skin destruction, or dermatitis.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark.

**Section 12. Ecological Information**

Ecotoxicity	Not Available
BOD5 and COD	Not Available
Products of Biodegradation	Not Available
Toxicity of the Products of Biodegradation	as toxic as the original product.
Special Remarks on the Products of Biodegradation	No additional remark.

**Section 13. Disposal Considerations**

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

**Section 14. Transport Information****DOT (U.S.A)  
(Pictograms)****TDG Classification** Not controlled under TDG (Canada).**PIN UN, Proper Shipping Name, PG** Not applicable.**Maritime Transportation** Not available.**Special Provisions for Transport** Not applicable.**Section 15. Other Regulatory Information and Pictograms****WHMIS (Classification)** Not controlled under WHMIS (Canada).**Regulatory Lists** CEPA DSL: No products were found.**Other Regulations** Not available. or of its ingredients**Other Classifications****HCS (U.S.A.)**

HCS CLASS: Irritating substance.

**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: Formaldehyde <0.1%

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Formaldehyde <0.1%

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

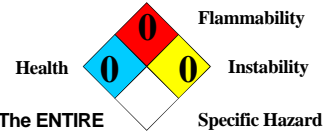
**DSD (EEC)** This product is not classified according to the EU regulations.

**International Regulations Lists** No products were found.

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

Health	1
Flammability	0
Physical Hazard	0

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



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

**Section 16. Other Information**

Validated by CRushton on 3/26/2004.

Verified by CRushton.

Printed 3/27/2004.

**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 3/26/2004.

**Floor Sealer**

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