



# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	WHMIS Class D-2: Material causing other toxic effects.	HCS Class: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name	<b>Hybrid</b>	Code	660
Synonym	Floor Finish	Version Number	2
Chemical Family	Not Applicable	Validation Date	8/26/2009
Chemical Formula	N/A	Print Date	8/26/2009
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>
Acrylic Copolymer	N/A	20 - 40	Not available.	Not available.
Diethylene Glycol Ethyl Ether	111-90-0	1 - 5	TWA: 25 CEIL: 25 (ppm)	ORAL (LD50): Acute: 5540 mg/kg [Rat].
Tributoxyethyl Phosphate	78-51-3	1 - 5	Not available.	Not available.
Polyethylene Wax Emulsion	N/A	1 - 5	Not available.	Not available.
Zinc Ammonium Carbonate compound	38714-47-5	1 - 5	Not available.	Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects	Skin and 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	In case of contact with eyes, rinse immediately with plenty of water.
Skin Contact	Wash with soap and water. If irritation persists, seek medical attention.
Inhalation	Remove to fresh air.
Ingestion	Have conscious person drink several glasses of water or milk. Seek IMMEDIATE medical attention.

### Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	Non-flammable substance.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	No additional remark.

### Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material.
Large Spill and Leak	Prevent entry into sewers, basements or confined areas. Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Personal Protection in Case of a Large Spill	Splash goggles. Light protective clothing. Impervious gloves. Boots. Wear appropriate respirator when ventilation is inadequate.

### Section 7. Handling and Storage

Precautions	Avoid contact with skin and eyes.
Incompatibility	No incompatible product according to our data base.
Storage	Keep container tightly closed in a cool, well-ventilated place. Keep out of the reach of children.

### Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No special protective clothing is required.
<i>Respiratory</i>	A respirator is not needed under normal and intended conditions of product use.
<i>Hands</i>	Gloves.

Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits

### Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Characteristic.
Molecular Weight	Not applicable.	Taste	Not available.
pH	8.2 to 8.9 [Basic.]	Color	Grayish white.
Boiling/Condensation Point	100°C (212°F)		
Melting/Freezing Point	-17.778°C (0°F)		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1.03 (Water = 1)		
Vapor Pressure	Not available.		

<b>Vapor Density</b>	>1 (Air = 1)
<b>Volatility</b>	75% (v/v).
<b>VOC</b>	< 1 %
<b>Evaporation Rate</b>	<1 compared to Water
<b>Dispersion Properties</b>	See dispersion properties in water.
<b>Solubility</b>	Miscible in water.
<b>The Product is:</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<b>Fire Hazards in Presence of Various Substances</b>	Non-flammable.
<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>	No incompatible product according to our data base.
<b>Hazardous Decomposition Products</b>	Not established

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

<b>Routes of Entry</b>	Absorbed through skin. Eye contact. Ingestion.
<b>Toxicity to Animals</b>	Not determined.
<b>Acute Effects on Humans</b>	
	<i>Eyes</i> This product is an eye irritant.
	<i>Skin</i> Skin and eye irritant.
	<i>Inhalation</i> No known significant effects or critical hazards.
	<i>Ingestion</i> Harmful if swallowed.
<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 determined.

Toxicity of the Products of Biodegradation Not determined.

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) WHMIS Class D-2: Material causing other toxic effects.



Regulatory Lists 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 which would require a warning under the statute: Formaldehyde <0.1%

SARA 302/304/311/312 extremely hazardous substances: Formaldehyde <0.1%  
 SARA 302/304/311/312 hazardous chemicals: Formaldehyde <0.1%  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Diethylene Glycol Ethyl Ether: fire; Formaldehyde <0.1%  
 SARA 313 toxic chemical notification and release reporting: Diethylene Glycol Ethyl Ether; Formaldehyde <0.1%

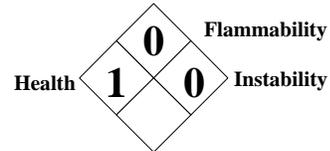
**DSD (EEC)** This product is not classified according to the EU regulations.

**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 LMorsch on 8/26/2009.

Verified by LMorsch.

Printed 8/26/2009.

**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 8/26/2009.

**Hybrid**

Page: 5/5