





Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). Class D-2A: Material causing other toxic effects (VERY TOXIC). WHMIS (Classification)	Combustible liquid HCS Class: Irritating substance. HCS
Section 1. Chemical Product and Company Identification		
Product Name/ Trade name OMU 350	Code 672	
Synonym Not available.	CAS # Mixture.	
Chemical Family Paint.	Validation Date 8/18/2005	
Chemical Formula Not applicable.	Print Date 8/19/2005	
Manufacturer/ Supplier Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (800) 333-2156	In Case of Emergency CHEMTREC (800) 424-9300	
TSCA TSCA Inventory: All components listed or are exempt from listing.	Protective Clothing 	
DSL/ NDSL All components listed unless noted elsewhere on this MSDS		

Section 2. Composition and Information on Ingredients				
Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Aliphatic Hydrocarbons Petroleum Distillates	8052-41-3 64742-47-8	10 - 25 10 - 25	Not available. TWA: 100 ppm OSHA (United States).	Not available. Not available.
Naptha	64741-41-9	5 - 10	TWA: 300 ppm ACGIH TLV (United States). TWA: 100 ppm 8 hour(s). OSHA PEL (United States). TWA: 500 ppm 8 hour(s).	Not available.
Proprietary Additive	Trade Secret	5 - 10	ACGIH TLV (United States). TWA: 10 Units 8 hour(s).	Not available.
Zirconium Octoate	22464-99-9	0.1 - 1	ACGIH TLV (United States). TWA: 5 mg/m ³ 8 hour(s).	Not available.
Ethylbenzene	100-41-4	0.1	ACGIH TLV (United States). Skin TWA: 100 ppm 8 hour(s). STEL: 125 ppm 15 minute(s). OSHA PEL (United States). Skin	Not available.

			TWA: 100 ppm 8 hour(s).	
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Section 3. Hazards Identification

Potential Acute Health Effects	Irritation of the product in case of eye contact: Irritant. May aggravate existing eye disorders
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC [Ethylbenzene]. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition. May aggravate existing skin conditions. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
Carcinogenic Effects	Classified 2B (Possible for human.) by IARC [Ethylbenzene].

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Contact a poison control center immediately for treatment advice. Do not induce vomiting unless instructed to do so by poison control center or doctor. Do not give anything to eat or drink by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
Special Remarks on Fire Hazards	Not available.
Special Remarks on Explosion Hazards	Not available.


Section 6. Accidental Release Measures

Small Spill and Leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spill and Leak	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Vapor respirator or a self-contained breathing apparatus.

Section 7. Handling and Storage

Precautions	Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents, acids, alkalis.
Incompatibility	Reactive with oxidizing agents, acids, alkalis.
Storage	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	Lab coat or uniform
<i>Respiratory</i>	Wear appropriate respirator when ventilation is inadequate.
<i>Hands</i>	Impervious 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	Not available.	Color	Amber.
Boiling/Condensation Point	300°C (572°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	0.9212 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	Not available.		
Volatility	Not available.		
VOC	350 (g/l).		
Evaporation Rate	>1 compared to Butyl acetate.		

Dispersion Properties	See solubility in water.
Solubility	Partially soluble in cold water, hot water.
The Product is:	Flammable.
Auto-ignition Temperature	Not available.
Flash Points	Closed cup: >40.556°C (105°F).
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Not available.

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Reactive with oxidizing agents, acids, alkalis.
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry	Not available.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	<p><i>Eyes</i> Not available.</p> <p><i>Skin</i> Irritation of the product in case of skin contact: Not available. Sensitization of the product: Not available.</p> <p><i>Inhalation</i> Not available.</p> <p><i>Ingestion</i> Not available.</p>
Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC [Ethylbenzene].</p> <p>MUTAGENIC EFFECTS: Not available.</p> <p>TERATOGENIC EFFECTS: Not available.</p> <p>DEVELOPMENTAL TOXICITY: Not available.</p> <p>Repeated or prolonged exposure is not known to aggravate medical condition. May aggravate existing skin conditions. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.</p>
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	Not available.

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 3



PIN UN, Proper Shipping Name, PG Shipping name: Painting related materials. UNNA: UN1263 PG: III

Maritime Transportation Not available.

Special Provisions for Transport Not available.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-2A: Material causing other toxic effects (VERY TOXIC).



Regulatory Lists No products were found.

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

HCS (U.S.A.)

Combustible liquid
HCS Class: Irritating substance.

USA Regulatory Lists

WARNING: This product contains chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm: Ethylbenzene; Benzene
WARNING: This product contains chemical(s) known to the state of California to cause cancer.: Ethylbenzene; Benzene
Massachusetts RTK: Benzene

SARA 313 toxic chemical notification and release reporting: Ethylbenzene
0.1%

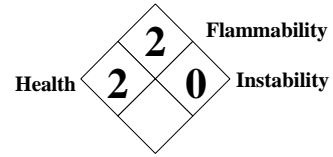
DSD (EEC) R10- Flammable.

International Regulations Lists No products were found.

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

Health	2
Flammability	2
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.

Specific Hazard

Section 16. Other Information

Validated by CRushton on 8/18/2005.

Verified by CRushton.

Printed 8/19/2005.

**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 8/18/2005.

OMU 350

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