



Oxid L.P.
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MATERIAL SAFETY DATA SHEET

TEROL[®]

1. PRODUCT IDENTIFICATION

Chemical Name:	Polyester Polyol	
Chemical Family:	Modified Phthalic Acid Ester	
Trade Name:	Terol [®] 11, 256, 258, 305, 350, 352, 353, 375, 563, 595, 925, 1154	
Revision Date:	July 23, 2007	
EMERGENCY CONTACT:	713-924-6408 (Oxid 24-hr number)	CHEMTREC 1-800-424-9300

2. HAZARDOUS COMPONENTS

CAS No.	Material or Component	Percentage
107-21-1	Ethylene Glycol	<1.0
123-91-1	1,4 – Dioxane	<0.1

3. HAZARDS IDENTIFICATION

Ingestion:	Harmful if swallowed.	
Skin:	Substance may be mildly irritating to the skin.	
Inhalation:	At elevated temperatures vapor may cause irritation to the respiratory tract.	
Eyes:	Mildly irritating.	
Special Medical Conditions By Exposure:	None known	
Exposure Limits:	ACGIH Threshold Limit Value (TLV) –	Polyester Polyol Not listed Ethylene Glycol 50 ppm Ceiling 1,4-Dioxane 25 ppm (Skin)
OSHA Permissible Exposure Limit (PEL) –		Polyester Polyol Not listed Ethylene Glycol 50 ppm Ceiling 1,4-Dioxane 100 ppm (Skin)
Carcinogens: 1,4 Dioxane is carcinogenic to animals orally but not by inhalation. There is inadequate evidence of carcinogenicity of 1,4-Dioxane to humans.		

4. FIRST AID MEASURES

Ingestion: Get medical attention immediately. Never give water to an unconscious person.

Skin: Remove soiled clothing and wash with soap and water. If irritation persists, seek medical attention.

Inhalation: If symptomatic remove to fresh air. If symptoms persist seek medical attention.

Eyes: Rinse immediately with water for 15 minutes. If irritation persists, seek medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: >200°F PMCC (93°C)

Flammable Limits in Air % by Volume: N/A

Extinguishing Media: Water, Foam, Carbon Dioxide or Dry Chemical

Unusual Fire and Explosion Hazard: None Known

6. ACCIDENTAL RELEASE MEASURES

In Case of a Transportation Accident, Contact CHEMTREC at 1-800-424-9300.

In case of spills or release: Use appropriate personal protective equipment measures during clean-up. For small spills, use a solid absorbent and place in disposal container. For large spills, dike the area to facilitate salvage or disposal. Avoid run-off into storm sewers.

7. HANDLING AND STORAGE

Storage and Handling: Product should be stored apart from oxidizing agents or other strong reactive materials.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye Protection: Use safety glasses with side shields or chemical splash goggles

Hand Protection: Wear rubber or neoprene gloves

Skin Protection: Wear protective clothing

Respiratory Protection: Have appropriate NIOSH-approved respirator available

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.20 @ 25°C (77°F)	Boiling Point: >246°C (474.8°F)
Vapor Pressure (PSIA): <0.1 @ 20°C (68°F)	pH: 5-7
Solubility In Water: Miscible to 25%	Evaporation Rate (Butyl Acetate =1): <1.0
Physical Description: Dark Brown, viscous liquid, no odor	

10. STABILITY AND REACTIVITY

Conditions to Avoid: Heat sources, oxidizing agents

Hazardous Decomposition Products: On heating/burning releases carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Polyester Polyol:	Not Determined		
Ethylene Glycol: (Acute)	LD50 oral rat	4700	mg/kg
	LD50 dermal rabbit	9530	mg/kg
1,4-Dioxane: (Acute)	LD50 oral rabbit	2000	mg/kg
	LD50 dermal rabbit	7600	mg/kg

12. ECOLOGICAL INFORMATION

There are no extensive ecological data available on the components of this product..

13. DISPOSAL CONSIDERATIONS

Incineration is the preferred method where permitted under appropriate federal, state, or local regulations. This product, when spilled or disposed of, is a non-hazardous solid waste as defined in Resource Conservation Recovery Act Regulations (40CFR261)..

14. TRANSPORT INFORMATION

The proper shipping name / hazard class may vary by packaging, properties, and mode of transportation.

Typical shipping names are:

ALL TRANSPORTATION MODES: This product is not regulated by the U. S. Department of transportation (DOT).

AIR TRANSPORTATION:
(IATA / ICAO)

MARINE TRANSPORTATION:
(IMDG / IMO)

UN/ID NO.: Not applicable
HAZARD CLASS - PRIMARY: Not applicable

PACKING GROUP:

IATA PACKING INSTRUCTION:

IATA CARGO AIRCRAFT LIMIT:

FLASH POINT: >200°F PMCC

TECHNICAL NAME(s):

RQ LBS. (Per pkg.): Not Applicable

RQ COMPONENTS (s): Not Applicable

MARINE POLLUTANT (s): Not Applicable

15. REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CRF 472.

CAS No.	Material or Component	% by Weight
107-21-1	Ethylene Glycol	< 1.0
123-91-1	1,4-Dioxane	< 0.1

Toxic Substance Control Act: The components in this product are on the TSCA Inventory.
 Canada's Domestic Substance List: For information concerning product status, please contact Oxid, L.P. Customer Service at 713/924-6401

16. OTHER INFORMATION

NFPA RATING: (NFPA 704 Rating: 0 - Insignificant 1 - Slight 2 - Moderate 3 - High 4 – Extreme)

Health: 1 Flammability: 1 Reactivity: 0

***THIS INFORMATION MUST BE INCLUDED IN ALL MSDSs THAT
 ARE
 COPIED AND DISTRIBUTED FOR THIS MATERIAL.***

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