

MATERIAL SAFETY DATA SHEET

Polyester Polyol

1 Chemical Product & Company Identification

MSDS Name:	Polyester Polyol
Chemical class :	Polyol
Synonyms:	

Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000, Fax: +91 - 22 - 2275 5556 / 6184 0001

2 Composition / Information On Ingredients

Ingredient Name	CAS Number	Percent
Aromatic polyester polyol	--	85 - 95 %
Diethylene glycol	111-46-6	5 - 15 %

3 Hazards Identification

Emergency Overview

May cause irritation to eyes and skin.

Health Effects

Eyes	May cause mild irritation to eyes
Skin	Prolonged and/or repeated skin contact may result in mild irritation or redness
Inhalation	Inhalation of vapors or mists of the product may be irritating to the respiratory system
Ingestion	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

4 First Aid Measures

Eyes	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once
Skin	Flush with large amounts of water. If irritation persists, get medical attention.
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, get medical attention.
Ingestion	If ingestion of a large amount does occur, seek medical attention

5 Fire Fighting Measures

Flash Point > 93.9 °C

Extinguishing Media	Dry chemical, foam, carbon dioxide, water fog
Fire Fighting Equipment / Instructions	Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure

	mode.
6 Accidental Release Measures	
SPILL AND LEAK	Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Wear appropriate personal protective equipment during cleanup
Small Spills	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal
Large Spills	Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas
Handling Procedures	Avoid contact with eyes. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. As with all chemicals, good industrial hygiene practices should be followed when handling this material

7. Handling & Storage

Store in a cool, dry, well-ventilated area. Room temperature - normal conditions.

8. Exposure Controls / Personal Protection

Personal Protective Equipments:

Eyes/Face:	Wear chemical goggles.
Skin:	Use impervious gloves.
Respiratory:	If irritation is experienced, an approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.
General:	Eye wash fountain is recommended.

9. Physical & Chemical Properties

Flash Point	> 93.9 °C
Boiling Point	> 254.4 °C
Specific Gravity	1.19 g/ml
Percent Volatile	NIL
Vapor Pressure	Unknown
Vapor Density	heavier than air
Evaporation Rate	slower than ethyl ether

10 Stability & Reactivity

Chemical Stability	This is a stable material
Incompatibility	This product may react with strong oxidizing agents
Hazardous Decomposition	None known
Hazardous Polymerization	Will not occur
Carcinogenicity	Not available

11 Toxicological Information

Other Toxicological Information

Note: this product may contain 1,4-dioxane as a by-product, which can be absorbed by inhalation and through the skin. Please be advised that 1,4-dioxane is a cancer-suspect agent and can cause liver and kidney injury with over-exposure.

LD50s and LC50s: Oral LD50 Rat: 12565 mg/kg; Oral LD50 Mouse: 23700 mg/kg;
Dermal LD50 Rabbit: 11890 mg/kg

12 Ecological Information

Ecotoxicity

No data available on finished product.

13 Disposal Considerations

Disposal Instructions

This substance, when discarded or disposed of, is not specifically listed as a "Hazardous Waste". This substance could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. The transportation, storage, treatment and disposal of this material must be conducted in compliance with all applicable state and local regulations.

14 Transport Information

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15 Regulatory Information

All components of this product are listed on the following inventories:
USA-TSCA

16 Other Information

MSDS Creation Date:	July 25, 2015
Revision #1 Date	

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.