



MATERIAL SAFETY DATA SHEET (MSDS)

Polytec

Urethane-base sealer for wood and concrete surfaces

Specialty Cleaners



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Polytec		Urethane-base sealer for wood and concrete surfaces		D2B, B3	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name	Cas Registry No.	%	Toxicity		
Mineral Spirits	8052-41-3	30-35	LD50ORAL (RAT) >5000 mg/kg		
Petroleum Distillates	64742-47-8	20-25	LD50ORAL (RAT) >8000 mg/kg		
Modified Linseed Oil Resin	67746-08-1	40-45	Not Applicable		
Alkyl Ketoxime	96-29-7	0.1-1.0	LD50ORAL (RAT) 270 mg/kg		
Cobalt Napthanate	61789-51-3	0.1-1.0	Not Applicable		
Zirconium Octoate	6107-56-8	0.1-1.0	LD50ORAL (RAT) 3900 mg/kg		
Dipropylene Glycol Methyl Ether	34590-94-8	0.05-0.15	LD50ORAL (RAT) 7500 mg/kg		
Hexylene Glycol	107-4-5	0.05-0.15	LD50ORAL (RAT) 3800 mg/kg		
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear Amber Liquid	Solvent	N/A	182 °C	0.87	insoluble
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): 50 TCC			Extinguishing media: CO2, Foam, Dry Chemical		
Special fire fighting procedures: Treat as a solvent fire. Use self-contained breathing apparatus					
Unusual fire and explosion hazards: May form explosive vapour/air mixtures					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 2 Flammability = 2 Reactivity = 0					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: May cause lung inflammation and damage					
Inhalation: May cause dizziness, headache and nausea					
Skin Absorption: Unknown					
Skin Contact: May cause irritation					
Eye Contact: May cause irritation					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Do not induce vomiting. Rinse mouth with water (do not give anything by mouth if victim is unconscious). Call a physician.					
Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. Call a physician					
Skin: Thoroughly wash with soap and water. Remove and launder contaminated clothing. If irritation persists, call a physician					
Eyes: Flush with water for 15 minutes. Call a physician if irritation persists.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: Sources of ignition					
Incompatibility with other materials: Strong oxidizing agents					
Hazardous decomposition products: Carbon monoxide, carbon dioxide, hydrocarbon fumes					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: Yes (Rubber or PVA)					
Eye protection: Yes (Safety glasses with side shields)					
Ventilation: General					
Respiratory protection: Use air supplied respirator in confined spaces					
Other protective equipment: In case of spillage, use chemically resistant apron and boots.					
Steps to be taken in case material is released or spilled: Absorb liquid on paper, vermiculite or other absorbent. Eliminate sources of ignition. Ventilate. Keep product from entering sewers.					
Waste disposal method: Dispose of through a licensed waste disposal facility.					
Precautions to be taken in handling and storage: Normal handling processes. Store away from heat. Remove sources of ignition.					
Other precautions: Follow label use instructions.					
UN: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: August 1, 2012		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Polytec

Urethane-Base Sealer for Wood and Concrete

"Gives superior performance and results in easy application, fast drying, excellent colour clarity, high gloss, chemical resistance and long wearing durability."

FEATURES AND BENEFITS

Oil modified urethane (solvent-based): Excellent gloss and durability.

Easy to apply: Good levelling, appearance and gloss with minimum effort; no special equipment needed.

Chemical resistant: Resists spills and stains including acids, alkali, solvents, etc.

Slip resistant: Produces a safe, slip-free surface.

WHERE TO USE

Can be used as a sealer/finish on both wood and concrete surfaces. (INDOOR USE ONLY).

HOW TO USE

Floors must be thoroughly clean and dry, free of all dirt, oil, grease and wax. Do not apply in humid conditions or at a temperature below 10°C (50°F). Concrete floors should be acid etched if less than 6 months old. This will produce a better bonding surface.

Apply using a lambswool applicator, strip mop, roller or similar apparatus. Use light even strokes, rubbing in and spreading to avoid build-up of a heavy film. Subsequent coats must only be applied over a previous coat that is thoroughly dry and hard. Good practice procedures are generally to allow an overnight dry before a subsequent application is made. Maintain by dust mopping with a treated mop and damp mopping with a neutral detergent. Worn areas may be repaired by "feathering" in a new coat of POLYTEC.

SPECIFICATIONS

Appearance: Clear amber liquid

Fragrance: Solvent

Viscosity: As water

PH (conc.): N/A

PH (1%): N/A

Non-volatile %: 40.0

Solvent: Yes

Phosphate: No

WHMIS: Yes

TDG: No