



# MATERIAL SAFETY DATA SHEET (MSDS)

## Polytec

Urethane-base sealer for wood and concrete surfaces

Specialty Cleaners

SECTION I ▶ PRODUCT IDENTIFICATION		
<b>Product Name</b>	<b>Product Type</b>	<b>WHMIS Classification</b>
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	
<b>Flash Point (°C):</b> 50 TCC	<b>Extinguishing media:</b> CO2, Foam, Dry Chemical
<b>Special fire fighting procedures:</b> Treat as a solvent fire. Use self-contained breathing apparatus	
<b>Unusual fire and explosion hazards:</b> May form explosive vapour/air mixtures	

SECTION V ▶ TOXICOLOGICAL PROPERTIES	
<b>HAZARD RATING:</b> Health = 2 Flammability = 2 Reactivity = 0	<b>Rating System</b> 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
<b>Swallowing:</b> May cause lung inflammation and damage	
<b>Inhalation:</b> May cause dizziness, headache and nausea	
<b>Skin Absorption:</b> Unknown	
<b>Skin Contact:</b> May cause irritation	
<b>Eye Contact:</b> May cause irritation	
<b>Special Warning:</b> None	

SECTION VI ▶ FIRST AID MEASURES
<b>Ingestion:</b> Do not induce vomiting. Rinse mouth with water (do not give anything by mouth if victim is unconscious). Call a physician.
<b>Inhalation:</b> Remove to fresh air. If breathing is difficult, administer oxygen. Call a physician
<b>Skin:</b> Thoroughly wash with soap and water. Remove and launder contaminated clothing. If irritation persists, call a physician
<b>Eyes:</b> Flush with water for 15 minutes. Call a physician if irritation persists.

SECTION VII ▶ REACTIVITY DATA
<b>Stable:</b> Yes
<b>Conditions to avoid:</b> Sources of ignition
<b>Incompatibility with other materials:</b> Strong oxidizing agents
<b>Hazardous decomposition products:</b> Carbon monoxide, carbon dioxide, hydrocarbon fumes
<b>Hazardous polymerization:</b> Will not occur.

SECTION VIII ▶ PREVENTIVE MEASURES
<b>Hand protection:</b> Yes (Rubber or PVA)
<b>Eye protection:</b> Yes ( Safety glasses with side shields)
<b>Ventilation:</b> General
<b>Respiratory protection:</b> Use air supplied respirator in confined spaces
<b>Other protective equipment:</b> In case of spillage, use chemically resistant apron and boots.
<b>Steps to be taken in case material is released or spilled:</b> Absorb liquid on paper, vermiculite or other absorbent. Eliminate sources of ignition. Ventilate. Keep product from entering sewers.
<b>Waste disposal method:</b> Dispose of through a licensed waste disposal facility.
<b>Precautions to be taken in handling and storage:</b> Normal handling processes. Store away from heat. Remove sources of ignition.
<b>Other precautions:</b> Follow label use instructions.
<b>UN:</b> Not Applicable <b>TDG Class:</b> None <b>Packing Group:</b> Not Applicable
<b>TDG Emergency Telephone Number:</b> 613-996-6666 (COLLECT)

SECTION IX ▶ PREPERATION DATA	
<b>Prepared by:</b> D.R. Dunlop	<b>Last updated:</b> December 1, 2009
<b>Location:</b> 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

Thoroughly clean and dry, free of all dirt, oil, grease and wax. Do not apply in humid conditions or at a temperature below 10EC (50EF). 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