

Material Safety Data Sheet

For chemicals, coatings, and related materials
In compliance with OSHA 29 CFR 1910.1200

Date Prepared:
01-02-09

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Section I – Product

NAME: Polythane 1005 – Part B	HMIS HAZARD CODES
CLASS: Urethane Hardener	Health: 2 (Moderate)
	Flammability: 2 (Moderate)
	Reactivity: 0 (Minimal)
Personal Protective Equipment: H	

Section II – Hazardous Ingredients

---Ingredient---	Percent	C.A.S. Registry	LEL	Vapor Pressure
Material Description	by Weight			mm Hg @ 20°C
Aliphatic Polyisocyanate	90-100	028182-81-2	1.0	9.0

Section III – Physical Data

Boiling Range: n/a	Freezing Point: n/a
Vapor Pressure: n/a mm@20°C	Vapor Density: n/a
Specific Gravity: 1.06	H ₂ O Solubility: Negligible (< 0.1%)
Evaporation Rate: Slower (relative to n-butyl acetate)	% Volatile by Volume: n/a %
Appearance and Odor: Liquid (clear) , Solvent Odor.	

Section IV – Fire and Explosion Hazard Data

Flash point: 151°F	Explosive Limits:	LEL	UEL (%V in air)
(Method used) Pensky-Martens		n/a	n/a
Flammability Classification			
OSHA: Combustible Liquid – Class III B			
DOT: Not regulated			
Extinguishing Media:			
Foam, Carbon Dioxide (CO ₂), Dry Chemical, Sand			
Special Fire Fighting Procedures:			
Wear protective clothing.		Fight fire from a safe distance.	
Close all valves to the area.		Shut off all power to the area.	
Emergency lights must be turned on.			
Self-contained breathing apparatus is to be used.			
Unusual Fire and Explosion Hazards: None			

Section X - Special Precautions

Handling and Storage Precautions:

Store in a cool dry place.	Keep away from open flames.
Store in tightly closed containers	Store away from food and beverages.
Wash thoroughly after handling.	
Wash before eating, drinking, smoking, or using toilet.	

Other Precautions:

Check all containers for leaks.
Avoid prolonged breathing or contact with skin.

Proprietary Ingredient - may be made available as provided in 29 CFR 1910.1200 (I).

Reportable under SARA Title III:

Chemical	Percentage	C.A.S. Number	313	Sections	
				302 (TPQ#)	304 (RQ#)
Xylene	2.71	001330-20-7	Y		1000
Glycol Ethers	54.68	000108-65-6	Y		

AUTHORIZED SIGNATURE: R.A Rana _____ Chemist