



MATERIAL SAFETY DATA SHEET

(This Form is Similar to Form OSHA - 20)

MANUFACTURER'S ADDRESS 217 Freeman Drive Port Washington, Wisconsin 53074	HMIS RATING Health: 1 Flammability: 1 Reactivity: 0	PRODUCT NAME Chempol 030-2338
EMERGENCY PHONE NUMBER 414-284-5541 414-284-0555 (Night Line)		ISSUE DATE Issued: October 1986 Supercedes: Feb. 1985 <i>gll 11/03/86</i>
PRODUCT IDENTIFICATION Polyether Polyol Resin Blend		DOT CLASSIFICATION Not Regulated

SECTION 2 INGREDIENTS

PRINCIPAL COMPONENTS	WL%	TLV
Polyether Polyol	>66	*NE
Silicone Surfactant	<2	*NE
Amine Catalyst	<2	*NE
Trichlorofluoromethane	<30	1000 ppm
*NE - Not Established		
Yes <input checked="" type="radio"/> No <input type="radio"/> - Known carcinogens present.		

SECTION 3 PHYSICAL DATA

BOILING POINT °(F)	75°F (24°C)	SPECIFIC GRAVITY (H₂O=1)	1.15
VAPOR PRESSURE (mm Hg)	<12.8 psia @ 20°C	VOLATILE	<30%
VAPOR DENSITY (AIR = 1)	4.74	EVAPORATION RATE	N/A
SOLUBILITY IN WATER	Soluble.	(BUTYL ACETATE =1)	
APPEARANCE AND ODOR Straw colored liquid; Freon odor.			

SECTION 4 FIRE PROTECTION

FLASH POINT METHOD	Not Applicable.	FLAMMABLE LIMITS (Vol. % in air)	Lower N/A	Upper N/A
EXTINGUISHING MEDIA	CO ₂ , dry chemical, foam or water fog.			
SPECIAL FIRE FIGHTING PROCEDURES Usual fireman's protective clothing and a self-contained breathing apparatus to protect from hazardous vapors formed.				

SECTION 5 HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section 2 - Ingredients	Primary Routes of Entry: Inhalation Skin & Eye Contact. Ingestion.
EFFECTS OF OVEREXPOSURE	None expected unless fluorocarbon vapor or concentration exceeds 10%, then mild asphyxiation symptoms such as light headedness could occur due to depleted oxygen supply. May irritate skin and eyes if contacted.
EMERGENCY AND FIRST AID PROCEDURES	
SKIN CONTACT:	Wash thoroughly with soap and water.
EYE CONTACT:	Flush with copious amounts of water, consult physician.
INHALATION:	Remove to uncontaminated area.
INGESTION:	If swallowed, dilute by drinking water, milk or mild cathartic (Milk of Magnesia) and consult physician immediately.
REF: 133:200/26:106/40	

SECTION 6 REACTIVITY DATA

APPROVED BY: Gerald I Schwere
Regulatory Affairs Coordinator

STABILITY	UNSTABLE <input type="checkbox"/>	CONDITIONS TO AVOID Temperatures above 95°F may cause dangerous pressure in sealed containers.
	STABLE <input checked="" type="checkbox"/>	
INCOMPATIBILITY (MATERIALS TO AVOID) Uncontrolled mixture with isocyanates, heat.		
HAZARDOUS DECOMPOSITION PRODUCTS ^{CO, CO₂, organic fragments, nitrogen oxides.} High temperature or flames can decompose fluorocarbon to acids, toxic materials.		
HAZARDOUS POLYMERIZATION	MAY OCCUR <input type="checkbox"/>	CONDITIONS TO AVOID Uncontrolled mixture with isocyanates.
	WILL NOT OCCUR <input checked="" type="checkbox"/>	

SECTION 7 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Ventilate area and contain spill if necessary. Absorb in absorbent sweeping/cleaning compound and remove for disposal. Flush area with water.
WASTE DISPOSAL METHOD	This material and its spill residues should be disposed of as an industrial waste in accordance with federal, state and local regulations.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFIC TYPE)	Air supplied mask is recommended for high vapor exposures.
VENTILATION	Local exhaust to remove fluorocarbon and amine vapors.
HAND PROTECTION	Chemically resistant rubber or plastic gloves.
EYE PROTECTION	Chemical safety goggles.
OTHER PROTECTIVE EQUIPMENT	Eye bath and safety showers should be available.

SECTION 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Dangerous pressures may develop at temperatures above 95°F in sealed drums due to vaporization of blowing agent.
OTHER PRECAUTIONS	

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