

SECTION I - IDENTITY

#560 HYDROTHANE

Perma Incorporated
605 Springs Road
Bedford, MA. USA 01730

Hazardous - NO

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

Telephone Number for Information
(978)667-5161

4 = Most Hazardous

Date Prepared
04/25/07

Emergency Phone Number
1-800-255-3924 or Poison Center

Prepared By D.Sadlo

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components CAS Reg#	PEL mg/m3	TWA mg/m3	STEL mg/m3	Other Limits mg/m3	% (opt)
N-METHYL 2-PYRROLIDONE # 872-50-4	N.A.	N.A.	N.A.	MFG: 5	< 3

*LISTED CHEMICAL SUBJECT TO REPORTING REQUIREMENT OF SCT.313 OF TITLE III.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point	- 210F	Specific Gravity(Water=1)	- 1.03
Vapor Pressure (mm Hg)	- 16	Melting Point	- N.A.
Vapor Density (air=1)	- 1.2	Evaporation Rate(Butyl Acetate=1)	-0.3
Viscosity (CPS)	- 50	Decomposition Temperature	-NA.
Auto Ignition Temp.	- NA.	Solubility in Water	- COMPLETE
pH	- 8.5 +/- .5		
Appearance and Odor	-LIGHT COLORED MILKY LIQUID, MILD ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point	- N.A.	Flammable Limits	
		LEL	- N.A.
		UEL	- N.A.
Extinguishing media	- WATER SPRAY		
Fire Fighting Procedure	- COOL CONTAINERS WITH WATER		
Fire and Explosion Hazards	- NONE		

SECTION V - REACTIVITY DATA

Stability	- STABLE
Conditions to Avoid	- N.A.
Incompatibility	- ACIDS, STRONG OXIDIZERS
Hazardous Decomposition or Byproduct	- THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE
Hazardous Polymerization	- WILL NOT OCCUR
Conditions to Avoid	- N.A.

The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results to be obtained from use thereof.
Essentially similar to OSHA form # 174

SECTION VI - HEALTH HAZARD DATA

Routes of entry:

Inhalation - YES Skin - YES Ingestion - YES
Health Hazards-Acute: MAY DRY AND IRRITATE EYES AND SKIN
CHRONIC: MAY CAUSE HEADACHE, DIZZINESS OR SENSITIZE SKIN

Carcinogenicity: NO

NTP - N.A. IARC Monographs - N.A. OSHA Regulated - NO
Signs and Symptoms of Exposure - REDNESS, IRRITATION OF EYES, SKIN AND
MUCOUS MEMBRANES

Medical Conditions Aggravated - SENSITIZED SKIN

Emergency and First Aid Procedures - WASH CONTACT AREAS WITH PLENTY OF WATER.
INGESTION: INDUCE VOMITING WITH OIL OF IPECAC.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled -
COLLECT MATERIAL INTO PLASTIC CONTAINER. ABSORB WITH RAGS, CLAY OR PAPER.

Waste Disposal Method - USE SANITARY LANDFILL DISPOSAL. NOT A HAZARDOUS
WASTE. FOLLOW STATE AND LOCAL REGULATIONS (RCRA; SUBTITLE D)

Precautions to be Taken in Handling and Storage -
STORE AT ROOM TEMPERATURE.

Other Precautions - STORE IN SECURE AREA. AVOID FOOD OR FEED CONTAMINATION.
KEEP OUT OF REACH OF CHILDREN !

SECTION VIII - CONTROL MEASURES

Respiratory Protection - NOT REQUIRED WITH NORMAL USE
IN WELL VENTILATED AREA

Ventilation Local Exhaust - N.A.
Mechanical - RECOMMENDED
Special - N.A.
Other - ASSURE FRESH AIR CIRCULATION.

Protective Gloves - RECOMMENDED: RUBBER, PLASTIC
Eye Protection - RECOMMENDED: SAFETY GLASSES
Other Protection - N.A.

Work/Hygienic Practices - DO NOT EAT, DRINK NEXT TO MATERIAL.
WASH HANDS/FACE AFTER WORK.

SECTION IX - TRANSPORTATION

49 CFR

Unit Cont. - 55,30,5,1 GAL.PLASTIC CONT. Report Qty. (Lbs) - NA.
OSHA - NOT REGULATED Labels - NONE
DOT - NOT REGULATED
UN - NOT REGULATED

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Further more, vendee assumes the risk in use of the material.