

SECTION I - IDENTITY

PERMA Incorporated
605 Springs Road
Bedford, MA. 01730

Telephone Number
(978)667-5161
Date Prepared
08/26/13
Prepared By D.SADLO

#560 Hydrothane
Hazardous - NO

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

4 = Most Hazardous
Emergency Phone Number
1-800-255-3924 or Poison Center

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components CAS#	PEL ppm	TWA ppm	STEL ppm	Other Limits	% (opt)
*N-Methyl 2-Pyrrolidone 872-50-4	N.A.	10	N.A.		< 3

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point	- >100°C	Specific Gravity(Water=1)	- 1.01
Vapor Pressure (mm Hg)	- 20	Melting Point	- N.A.
Vapor Density (air=1)	- 1.0	Evaporation Rate(Butyl Acetate=1)	- 0.3
Viscosity (CPS)	- 10	Decomposition Temperature	- N.A.
Auto Ignition Temp.	- 700°F	Solubility In Water	- COMPLETE
pH	- 11.5 +/- 0.5		
Appearance & Odor	- ORANGE LIQUID, FLORAL ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - >220°F

Extinguishing Media - Water, CO2, Foam

Fire Fighting Procedure - Wear self-contained breathing apparatus.
Wear full protective equipment.

Fire & Explosion Hazards - None Known.

Flammable Limits
LEL - 2.6% UEL - 12.5%

SECTION V - REACTIVITY DATA

Stability - Stable under normal storage conditions.

Conditions To Avoid - Elevated temperatures may cause product to decompose.

Incompatibility - Strong acids, strong bases, and strong oxidizers.

Hazardous Decomposition Or Byproduct - Thermal decomposition may yield carbon monoxide.

Hazardous Polymerization - Will not occur.

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 - No
Health Hazards - Acute: May result in eye and/or skin irritation.
- CHRONIC: Redness of skin.

Carcinogenicity: NO
NTP - N.A. IARC Monographs - N.A. OSHA Regulated - NO
Symptoms Of Exposure - Itching, burning sensation redness

Medical Conditions Aggravated - Sensitized skin

First Aid Procedures - Flush eyes with warm water. Wash skin with plenty of Water. If inhaled, move person to fresh air.
DO NOT INDUCE VOMITTING.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

IF Case Material Is Released Or Spilled - DIKE AND COLLECT MATERIAL INTO PLASTIC CONTAINER. WATER RINSE AND DRAIN, FLUSH SMALL AMOUNTS. (BIODEGRADABLE)

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

Precautions For Handling & Storage - KEEP FROM FREEZING.
DO NOT MIX WITH OTHER CHEMICALS.
AVOID PROLONGED CONTACT.

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

SECTION VIII - CONTROL MEASURES

Respiratory Protection - NOT REQUIRED WITH NORMAL USE

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

Protective Gloves - REQUIRED: RUBBER, PLASTIC

Eye Protection - RECOMMENDED: SAFETY GLASSES

Other Protection - APRON RECOMMENDED

Work/Hygienic Practices - DO not eat or drink while using material.
Wash hands after work.

SECTION IX - TRANSPORTATION

49 CFR

Unit Container - 55,30,5,1 GAL.,1 QT. PLASTIC	Report Qty. (Lbs) - N.A.
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.