

SECTION I - IDENTITY

#22 Perma Seal II

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

Date Prepared
03/22/94

Prepared By T. Pitrolffy

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

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components CAS Reg#	PEL	TWA	STEL	Other Limits IDLH	% (opt)
2-BUTOXYETHANOL #111-76-2*	50	25	N.A.	700ppm	<15
DIETH. GLYCOL METH. ETHER* # 111-77-3	N.A.	N.A.	N.A.		< 7
ISOPROPANOL # 67-63-0	400	400	500	12000ppm	<10

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point	- 210	Specific Gravity(Water=1)	- 1.01
Vapor Pressure (mm Hg)	- 0.6	Melting Point	- N.A.
Vapor Density (air=1)	- 2.1	Evaporation Rate(Butyl Acetate=1)	-0.3
Viscosity (CPS)	- 300	Decomposition Temperature	-NA.
Auto Ignition Temp.	- NA.	Solubility in Water	-COMPLETE
pH - 6.5 +/- .5			
Appearance and Odor	-LIGHT COLORED MILKY LIQUID, GLYCOL ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - TCC 142 F. Flammable Limits
LEL - N.A. UEL - N.A.

Extinguishing media - WATER SPRAY

Fire Fighting Procedure - COOL CONTAINERS WITH WATER

Fire and Explosion Hazards - SLIGHT

SECTION V - REACTIVITY DATA

Stability - STABLE
Conditions to Avoid - N.A.

Incompatibility - ACIDS, STRONG OXIDIZERS
Hazardous Decomposition or Byproduct - THERMAL DECOMPOSITION MAY YIELD
CARBON MONOXYDE

Hazardous Polymerization - WILL NOT OCCUR
Conditions to Avoid - N.A.

SECTION VI - HEALTH HAZARD DATA

Routes of entry:

Inhalation - YES Skin - YES Ingestion - YES
Health Hazards-Acute: CAUSES EYE AND SKIN IRRITATION, DRYNESS
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, MUCOUS
MEMBRANES, DIZZINESS

Medical Conditions Aggravated - SENSITIZED SKIN

Emergency and First Aid Procedures - WASH CONTACT AREAS WITH PLENTY OF WATER:
15 MINUTES. INGESTION: GIVE MILK, WATER OR CITRUS JUICE, INDUCE VOMITING
WITH OIL OF IPECAC. CALL PHYSICIAN IMMEDIATELY, PROVIDE FRESH AIR

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - ABSORB WITH
RAGS, CLAY OR PAPER, COLLECT MATERIAL INTO PLASTIC CONTAINER. WATER RINSE
RESIDUES AND SMALL AMOUNTS. (BIODEGRADABLE)
Waste Disposal Method - USE SANITARY LANDFILL DISPOSAL.
FOLLOW STATE AND LOCAL REGULATIONS (RCRA; SUBTITLE D)

Precautions to be Taken in Handling and Storage -
STORE AT ROOM TEMPERATURE, DO NOT MIX WITH OTHER CHEMICALS.
AVOID PROLONGED CONTACT. KEEP FROM FREEZING.

Other Precautions -
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 - REQUIRED: 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. - 5,1 GAL. PLASTIC CONT. Report Qty. (Lbs) - NA.
OSHA - CLASS II COMBUSTIBLE LIQUID Labels - NO.
DOT - COMBUSTIBLE LIQUID EXEMPT PER 49 CFR 173.150(F)
UN - FLAMMABLE LIQUIDS, N.O.S.(ISOPROPANOL) 3, UN1993, PGIII

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.

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