

SECTION I - IDENTITY

PERMA Incorporated
605 Springs Road
Bedford, MA. 01730

Telephone Number for Information
(978)667-5161
Date Prepared
02/10/12
Prepared By D.SADLO

#22G GRAY PERMA SEAL II
Hazardous - NO

Health	1
Flammability	2
Reactivity	0
Personal Protection	B

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

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components	PEL	TWA	STEL	Other Limits	%
CAS Reg#				IDLH	(opt)
2-BUTOXYETHANOL #111-76-2*	50	20	50	700 ppm	< 20
GYLCOLE ETHER EP #2807-30-9*	N.A.	N.A.	N.A.		< 10
ACETONE #67-64-1*	N.A.	1000	750	12000 ppm	< 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)	- 1.00
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)	- 450	Decomposition Temperature	- N.A.
Auto Ignition Temp.	- N.A.	Solubility in Water	- COMPLETE
pH	- 4.5 +/-0.5		
Appearance and Odor	- LIGHT COLORED MILKY LIQUID, ACETONE ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - TCC 102°F

Flammable Limits
LEL - N.A. UEL - N.A.

Extinguishing Media - Use water spray, dry chemical or foam to extinguish.

Fire Fighting Procedure - COOL CONTAINERS WITH WATER

Fire & Explosion Hazards - Toxic fumes, gas or vapors may evolve on burning.

SECTION V - REACTIVITY DATA

Stability - STABLE
Conditions To Avoid - High Temperatures

Incompatibility - Strong oxidizing agents, reducers and acids.
Hazardous Decomposition Or Byproduct - Smoke, carbon monoxide, carbon dioxide aldehydes and other products of incomplete combustion.

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 - YES
Health Hazards - MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE NOSE, THROAT AND LUNGE IRRITATION.

Carcinogenicity: NO
NTP - N.A. IARC Monographs - N.A. OSHA Regulated - NO
Signs & Symptoms of Exposure - REDNESS, IRRITATION OF EYES, SKIN, MUCOUS MEMBRANES, DIZZINESS. CARCKING OF SKIN.

Medical Conditions Aggravated - SENSITIZED SKIN

Emergency & First Aid Procedures - IMMEDIATELY WASH CONTACT AREAS WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION. IF SWALLOWED SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECT BY MEDICAL PERSONNEL.

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 & 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 VENTILLATED 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 - NEVER EAT, DRINK OR SMOKE IN WORK AREAS. PRACTICE GOOD CHEMICAL HYGIENE AFTER USING THIS MATERIAL.

SECTION IX - TRANSPORTATION

49 CFR

Unit Cont. - 5,1 GAL. 1 QT.PLASTIC CONT. Report Qty. (Lbs) - N.A.
OSHA - CLASS II COMBUSTIBLE LIQUID Labels - NO
DOT - COMBUSTIBLE LIQUID EXEMPT PER 49 CFR 173.150(F)
IMDG - FLAMMABLE LIQUID - Flammable liquid, n.o.s.(Contains Acetone)
3, UN1993, PGIII
IATA - FLAMMABLE LIQUID - Flammable liquid, n.o.s.(Contains Acetone)
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. Furthermore, vendee assumes the risk in use of the material.