

SECTION I - IDENTITY

PERMA Incorporated  
605 Springs Road  
Bedford, MA. 01730

Telephone Number for Information  
(978)667-5161  
Date Prepared  
03/17/98  
Prepared By T.Pitrolffy

#20B LOCKDOWN

	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 Reg#	PEL	TWA	STEL	Other Limits	% (opt)
Not a hazardous mixture, as defined in 29 CFR 1910,1200 and M.G.L. c. 111F	--	--	--	--	

CONTAINS: GLYCOL ETHERS\* <6  
\*CHEMICAL CATEGORY SUBJECT TO REPORTING REQUIREMENTS OF SEC.313, TITLE III.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point - 212F	Specific Gravity(Water=1) - 1.04
Vapor Pressure (mm Hg) - 18	Melting Point - NA.
Vapor Density (air=1) - 1.1	Evaporation Rate(Butyl Acetate=1) -0.36
Viscosity (CPS) - 12.5	Decomposition Temperature -NA>
Auto Ignition Temp. - NA.	Solubility in Water -Complete
pH - 9.0 +/-0.5	
Appearance and Odor - White milky emulsion	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point - None  
Extinguishing media - NA  
Fire Fighting Procedure - NA  
Fire and Explosion Hazards - NA

Flammable Limits  
LEL - NA UEL - NA

SECTION V - REACTIVITY DATA

Stability - Stable  
Conditions to Avoid - Freezing, extreme heat

Incompatibility - Acids, oxidizers  
Hazardous Decomposition or Byproduct - Thermal decomposition may yield carbon monoxide  
Hazardous Polymerization - Will not occur  
Conditions to Avoid - NA

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 - NO Skin - NO Ingestion - NO  
Health Hazards-Acute: Causes eye and skin irritation  
CHRONIC:Redness of skin

Carcinogenicity: NO  
NTP - NA IARC Monographs - NA OSHA Regulated - NO  
Signs and Symptoms of Exposure - Itching irritating sensation

Medical Conditions Aggravated - NA

Emergency and First Aid Procedures - Wash contact areas with soap and water  
INGESTION:Drink milk, water, fruit juice, induce vomiting with oil of ipecac, get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - Dike, collect material into watertight container, rinse surface with clean water.

Waste Disposal Method - Use sanitary landfill disposal, (not a hazardous waste) according to federal, state and local regulations. (RCRA, Subtitle D.)

Precautions to be Taken in Handling and Storage - Do not mix with other chemical, store away from heat. KEEP FROM FREEZING.

Other Precautions - KEEP AWAY FROM CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection - Not required with normal use.

Ventilation Local Exhaust - NA  
Mechanical - NA  
Special - NA  
Other - Assure fresh air circulation

Protective Gloves - RECOMMENDED: Rubber, Plastic  
Eye Protection - RECOMMENDED: Safety glasses  
Other Protection - NA

Work/Hygienic Practices - Do not eat or drink next to material, wash hands after work.

SECTION IX - TRANSPORTATION 49 CFR

Unit Cont. - 55,30,5,1 GAL. PLASTIC CONT Report Qty. (Lbs) - NA.  
OSHA - NOT REGULATED Labels - NO.  
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.