

US DEPARTMENT OF LABOR

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

MATERIAL SAFETY DATA SHEET

SECTION I - GENERAL DATA

MANUFACTURER:	PRODUCT NAME: PRIMER
LOES ENTERPRISES INC.	PRODUCT NUMBER: PA-8422
1457 IGLEHART AVE.	CHEMICAL FAMILY: N/A
ST.PAUL,MN. 55104	
EMERGENCY 24 HOUR #	HAZARD RATINGS:
CHEM-TEL, INC.	HEALTH:2
1-800-255-3924	FIRE:4
	REACTIVITY:0

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	OSHA-PEL	ACGIH-TLV
Methyl Ethyl Ketone	78-93-3	200 ppm	200 ppm
Toluene	108-88-3	100 ppm	100 ppm
n-Butyl Alcohol - skin	71-36-3	50 ppm	50 ppm
Propylene glycol monomethyl ether	107-98-2	---	100 ppm

SECTION III- PHYSICAL DATA

BOILING POINT:	231 deg F
VAPOR PRESSURE (mm Hg. at 20deg.C):	N/D
VAPOR DENSITY (AIR = 1):	> 1
SPECIFIC GRAVITY:	0.876
PERCENT VOLATILE VOLUME:	89%
SOLUBILITY IN WATER:	N/D
EVAPORATION RATE (BUTYL ACETATE = 1):	> 1
APPEARANCE AND ODOR:	Clear liquid with aromatic odor

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT 16 F TCC	FLAMMABLE LIMITS LEL:UEL	N/D : N/D
----------------------	--------------------------	-----------

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical, water fog

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and standard fire fighting protective clothing

UNUSUAL FIRE & EXPLOSION HAZARDS: Vapors may be ignited by pilot lights or other ignition sources remotely located from material handling point.

N/A = NOT APPLICABLE N/D = NOT DETERMINED

PRODUCT NAME: PRIMER
PRODUCT NUMBER: PA8422

=====

SECTION V - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide,
various hydrocarbons, smoke

CONDITIONS TO AVOID: Excessive heat, poor ventilation
INCOMPATIBILITY: Strong oxidizing agents

=====

SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Eliminate all ignition sources.
Ground handling equipment to prevent sparking. Dike area to contain
spill, salvage as much as possible for reuse, use absorbant to clean
up remainder or small spills
WASTE DISPOSAL METHOD: In accordance with local, state, and federal
regulations

=====

SECTION VII - HEALTH DATA

ROUTES OF ENTRY: Eyes: possible Skin: possible
Inhalation: most likely Ingestion: not likely

EFFECTS OF OVEREXPOSURE: EYES - May cause irritation
SKIN - May cause irritation, defatting, or dermatitis
INHALATION - May cause irritation of respiratory tract, narcosis,
headaches, nausea, dizziness, fatigue or unconsciousness.
INGESTION - May cause nausea, cramps, and diarrhea

FIRST AID: EYES - Immediately flush with plenty of water. Get
medical attention.
SKIN - Remove contaminated clothing and launder before reusing.
Wash affected area with plenty of soap and water.
INHALATION - Remove to fresh air. If necessary, give artificial
respiration. Get medical attention.
INGESTION - Do not induce vomiting and dilute by drinking water.
Never give liquids to an unconscious person. Get medical attention.

=====

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator suitable for
concentrations and types of air contaminants encountered
VENTILATION: Local mechanical exhaust ventilation recommended
GLOVES: Impervious (neoprene)
EYE PROTECTION: Chemical goggles/glasses
OTHER EQUIPMENT: Safety shower and/or eye wash station

=====

11/14/2001

PRODUCT NAME: PRIMER
PRODUCT NUMBER: PA8422

=====

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Keep container air tight in a dry area away from heat and water when not in use. Practice "good" industrial housekeeping and hygiene.
Use non-sparking tools when handling the containers.

=====

SECTION X - ADDITIONAL INFORMATION

This product contains the following toxic chemical category(ies) subject to the reporting requirements of SARA Title III Sect. 313 (max percent by weight)

Methyl Ethyl Ketone is 50% max
Toluene is 15.6% max
Butyl Alcohol is 2.05% max

=====

THIS INFORMATION IS TAKEN FROM SOURCES OR BASED UPON DATA BELIEVED TO BE RELIABLE; LOES ENTERPRISES INC.; MAKES NO WARRANTY AS TO THE ABSOLUTE CORRECTNESS OR SUFFICIENCY OF ANY OF THE FOREGOING OR THAT ADDITIONAL OR OTHER MEASURES MAY NOT BE REQUIRED UNDER PARTICULAR CONDITIONS.