

## 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-3011A
1457 IGLEHART AVE.	CHEMICAL FAMILY: KETONE/ALCOHOL
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 - skin	108-88-3	100 ppm	50 ppm
Butyl Alcohol - skin	71-36-3	100 ppm	50 ppm
Ethanol	64-17-5	1000 ppm	1000 ppm
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm
Ethyl Acetate	141-78-6	400 ppm	400 ppm
Phenol	108-95-2	5 ppm	5 ppm

## SECTION III- PHYSICAL DATA

BOILING POINT:	174-231 deg F
VAPOR PRESSURE (mm Hg. at 20deg.C):	N/D
VAPOR DENSITY (AIR = 1):	>1
SPECIFIC GRAVITY:	0.886
PERCENT VOLATILE VOLUME:	92.5%
SOLUBILITY IN WATER:	N/D
EVAPORATION RATE (BUTYL ACETATE = 1):	3.2
APPEARANCE AND ODOR:	Clear to lt. blue with aromatic odor

## SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT 20 F TCC	FLAMMABLE LIMITS LEL:UEL 1 : 4
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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

11/14/2001

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SECTION V - REACTIVITY DATA

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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

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SECTION VI - SPILL OR LEAK PROCEDURES

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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  
MEK IS LISTED HAZARDOUS WASTE 40CFR261 WASTE # IS U159

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SECTION VII - HEALTH DATA

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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.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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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

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SECTION IX - SPECIAL PRECAUTIONS

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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.

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SECTION X - ADDITIONAL INFORMATION

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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 60% max

Toluene is 17.5% max

Butyl Alcohol is <2.5% max

Phenol is <0.5% max

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