

MATERIAL SAFETY DATA SHEET

CLEAR FLEXIBLE PRIMER

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PRODUCT NAME: CLEAR FLEXIBLE PRIMER

PW 3 Primer Wipe

HMIS CODES: H F R P  
2 3 0 I

IDENTIFICATION

Supplier:



Pad Print Machinery of VT, Inc.  
P.O. Box 720  
East Dorset, VT 05253  
Information Phone: 800-272-7764  
24-Hour Emergency #: 800-535-5053

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ 76°F	WEIGHT PERCENT
* TOLUENE OSHA PEL: 300 PPM, ACGIH TLV: 50 PPM, ACGIH STEL: N/A	108-88-3	22 68	89.37
* XYLENE OSHA PEL: 100 PPM, ACGIH TLV: 100 PPM, ACGIH STEL: N/A	1330-20-7	5.1 68	7.97

\* indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 232 deg F - 279 deg F      SPECIFIC GRAVITY (H2O=1): 0.87  
 VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: SLOWER THAN ETHER  
 COATING V.O.C.: 6.49 lb/gl      MATERIAL V.O.C.: 6.49 lb/gl  
 SOLUBILITY IN WATER: Insoluble  
 APPEARANCE AND ODOR: Colored liquids with lacquer thinner odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 45 deg F      METHOD USED: TagCupClsd  
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1      UPPER: 7.1

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode when fighting fires. Protective clothing should be worn in fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heater, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. All metal containers should be grounded and/or bonded when material is transferred.

SECTION V - REACTIVITY DATA

STABILITY: STABLE  
CONDITIONS TO AVOID

Avoid OPEN FLAME and HIGH TEMPERATURE.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Combustion may form toxic materials such as carbon monoxide and carbon dioxide. See Health Hazards (Acute and Chronic)

**HAZARDOUS POLYMERIZATION: WILL NOT OCCUR**

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Dizziness, breathing difficulty, headaches, and loss of coordination.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Eye contact: Severe irritation, tearing, redness, and blurred vision.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Skin contact: Can dry and defat skin causing cracks, irritation, and dermatitis.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Ingestion: Can be fatal. Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Exposure to hazardous decomposition byproducts may cause health hazards not immediately apparent. Obtain medical attention. Acute: Inhalation - dizziness, breathing difficulty, headaches, and loss of coordination. Eye contact - Severe irritation, tearing, redness, and blurred vision. Skin contact - can dry and defat skin causing cracks, irritation, and dermatitis. Ingestion - Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea. Chronic - NE

**CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes OSHA REGULATED: No**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Pre-existing skin, eye & lung disorders may be aggravated. Personnel susceptible to allergic reaction see supervisor.

**EMERGENCY AND FIRST AID PROCEDURES**

1 - Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, & get medical attention. 2 - Eyes: Flush with large amounts of water, lifting upper lower lids occasionally, give medical attention. 3 - Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing, wash before reuse. 4 - Ingestion: If swallowed, do not induce vomiting, can cause chemical pneumonia & pulmonary edema. Keep warm, quiet and get medical attention.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Eliminate ignition sources, provide good ventilation, provide personnel with proper protective equipment, stop spill at source, dike spill area and add absorbent earth or powder to spilled liquid, pump liquid to salvage tank.

**WASTE DISPOSAL METHOD**

Collect absorbent/water/spilled liquid mixture into approved containers. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. DESTROY BY LIQUID INCINERATION WITH OFF-GAS SCRUBBER Dispose of contaminated absorbent in accordance with Local, State, & Federal Regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Keep containers tightly closed, store away from heat, sparks, electrical equipment & open flame. Closed containers may build up pressure and explode when exposed to extreme heat. Repair & Maintenance of Contaminated Equipment: Same. Never use welding or cutting torch on or near container (even empty) because product (even residue) can ignite explosively.

**OTHER PRECAUTIONS**

WARNING: Not organic chemical vapors or dusts are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

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at temperatures below those published as "autoignition" or "ignition" temperatures. Ignition temperatures decrease with increasing vapor volume & vapor/air contact time, & are influenced by pressure changes. Ignition may occur at typical elevated-temperature process conditions, any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environment control.

**VENTILATION**

Maintain exposure below TLV's.

**PROTECTIVE GLOVES**

To prevent repeated exposure or prolonged skin contact, wear impervious clothing, gloves, and boots.

**EYE PROTECTION**

Chemical splash goggles in compliance with OSHA regulations are advised.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Eyewash stations, washing facilities, & deluge-type safety showers should be readily accessible to handling areas. Thoroughly wash off contaminated impervious protective clothing with water BEFORE removal. Educate & train in proper use.

**WORK/HYGIENIC PRACTICES**

Protective suit or daily change of clothes, including undergarments. Take daily showers.