

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION I – GENERAL INFORMATION

Trade Name: Multi-Purpose Primer #18
Chemical Family: Vinyl
Manufacturer: E-Poxy Engineered Materials
Address: 128 First Street Pittsburgh, PA 15238
Phone Number (Information): (412) 828-1500
Phone Number (Emergency): (800) 255-3924
Date Prepared: 08/08/05
HMIS/NFPA Ratings: Health – 1, Flammability – 4, Reactivity – 2

SECTION II – HAZARDOUS COMPONENTS

<u>COMPONENT</u>	<u>% BY WT</u>	<u>CAS NO.</u>	<u>EXPOSURE LIMITS</u>
Acetone	< 80%	67-64-1	NIA
2-Propenoic acid, 2-hydroxypropyl ester, polymer with chloroethene and ethenyl acetate	< 10%	41618-91-1	NIA
2-Butenedioic acid (Z), polymer chloroethene and ethenyl acetate	< 10%	9005-09-8	NIA
Diisodecyl Phthalate	<5%	68515-49-1	NIA

† SARA Title III Section 313 Reportable Components.

Exposure Limits Abbreviations: A – ACGIH TLV; O – OSHA PEL; S – ACGIH STEL; M – Manufacturer's TLV; N – NIOSH TLV; NIA – No Information Available

SECTION III – PHYSICAL DATA

PROPERTY

Boiling Point (°F) NIA
Specific Gravity (Water = 1.0) NIA
Vapor Pressure (mm Hg) NIA
Vapor Density (Air = 1.0) NIA
Evaporation Rate (Ether = 1.0) NIA
Solubility in Water Insignificant
Appearance/Odor Clear Liquid

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

PROPERTY

Flash Point	-4°F (-20°C)
Flammable Limits (LEL)	NIA
Flammable Limits (UEL)	NIA
Explosion:	Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Vapors can flow along surfaces to distant ignition source and flash back. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. Sensitive to static discharge.
Extinguishing Media:	Dry Chemical, Foam, Carbon Dioxide.
Special Firefighting Procedures:	Wear self-contained breathing apparatus (SCBA), with full facepiece, operated in the positive-pressure mode. Full protective clothing such as rubber gloves, boots, etc. should be worn by firefighters.

SECTION V – REACTIVITY DATA

Stability:	Stable
Conditions To Avoid:	Heat, flames, ignition sources and incompatibilites.
Incompatible Materials:	Concentrated nitric and sulfuric acid meixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, potassium t-butoxide.
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide, Nitrogen Oxide.
Hazardous Polymerization:	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Inhalation:

Inhalation of vapors irritates the respiratory tract. May cause coughing, dizziness, dullness and headache. Higher concentrations can produce central nervous system depression, narcosis and unconsciousness.

Ingestion:

Swallowing small amounts is not likely to produce harmful effects. Ingestion of larger amounts may produce abdominal pain, nausea and vomiting. Aspiration into lungs can produce severe lung damage and is a medical emergency. Other symptoms are expected to parallel inhalation.

Skin Contact:

Irritating due to defatting action on skin. Causes redness, pain, drying and cracking of the skin.

Eye Contact:

Vapors are irritating to the eyes. Splashes may cause severe irritation, with stinging, tearing, redness and pain.

Chronic Exposure:

Prolonged or repeated skin contact may produce severe irritation or dermatitis

FIRST AID

Eyes:	Flush with plenty of cool water for at least 15 minutes. Get immediate medical attention.
Skin:	Wash thoroughly with soap and water. Consult a physician if irritation develops or persists.
Inhalation:	Move person to fresh air. Provide oxygen or artificial respiration if necessary. Consult a physician.
Ingestion:	Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING

Material Release/Spill:	Wear protective equipment to prevent exposure. Stop the spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers for proper disposal. Clean contaminated area.
Waste Disposal:	Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); Controlled incineration or burial in an approved landfill. Dispose of in accordance with Federal, state and local requirements.
Handling and Storage:	Keep containers tightly closed and store in a cool, dry place when not used. Store away from any potential fire hazard. Containers should be bonded and grounded for transfers to avoid sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment.
Other:	None.

SECTION VIII – CONTROL MEASURES

Respiratory Protection:	Provide adequate exhaust ventilation and/or NIOSH approved amine cartridge respirator.
Ventilation (Local Exhaust):	If needed.
Ventilation (Special):	None.
Ventilation (Mechanical):	Adequate exhaust ventilation must exhaust away from applicator.
Protective Gloves:	Natural rubber or neoprene gloves.
Eye Protection:	Splash goggles or face shield.
Other Protective Clothing:	Use rubber apron, face shield and appropriate clothing to prevent contact with skin.
Work/Hygienic Practices:	Wash contaminated clothing before reuse. Discard contaminated footwear. Enforce careful handling to prevent splashing. Wash thoroughly after use. Eye wash stations or an adequate supply of clean water must be available at the work area.

SECTION IX – TRANSPORTATION

DOT (Domestic Surface)	Proper Shipping Name: Acetone Hazard Class: 3 UN/NA: UN1090 Packing Group: II
ICAO/IATA (Air)	Proper Shipping Name: Acetone Hazard Class: 3 UN/NA: UN1090 Packing Group: II

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