

MATERIAL SAFETY DATA SHEET

MANUFACTURED BY: Kewaunee Scientific Corporation
2700 West Front Street
PO box 1842
Statesville, North Carolina 28627-1842

Date of Preparation: July 28, 1995 Telephone: 704-873-7202
Telephone: 704-871-3238

SECTION I—PRODUCT IDENTIFICATION

Product Name: KMER
Product Number: KR-199
Product Class: Epoxy Resin

SECTION II—HAZARDOUS INGREDIENTS

Ingredient [CAS No.]	%	OSHA/PEL
Cured Epoxy Resin System	25-45	Not Est.
Alumina Trihydrate [216450-51-2]	35-45	10 mg/m ³
Titanium Dioxide ** [13463-67-7]	0-5	10 mg/m ³
Quartz (Crystalline Silica) [14808-60-7]	0-5	4 mg/m ³
Fiberglass	5-15	15 mg/ m ³
Trade Secret Ingredient	<1.5	Not Est.

** Some animal studies have indicated that this material may be a carcinogen.

SECTION III—PHYSICAL DATA

Appearance: White Solid
Specific Gravity: 1.2 – 1.4
Solubility in Water: Nil
% Volatile Volume: 0

SECTION IV—FIRE AND EXPLOSION DATA

Flammability Classification: Class "A" Fire Rating

Flash Point: N/A

Extinguishing Media: Water Fog, Foam, Dry Chemical, Carbon Dioxide

Unusual Fire and Explosion and Explosion Hazards: During emergency conditions, exposure to decomposition products may cause a health hazard.

Special Fire Fighting Procedures: Keep cool with water. Wear full protective equipment including self-contained breathing apparatus.

SECTION V—HEALTH HAZARD DATA

Threshold Limit Value: Cured resin system is inert and does not create any adverse exposures. Operations in which the resin is mechanically abraded (drilling, sawing, etc.) may release Dust, Titanium Dioxide, and other decomposition products which may cause irritation of upper respiratory system.

Emergency and First Aid Procedures: For exposure to decomposition products, remove to fresh air and call a physician.

SECTION VI—REACTIVITY DATA

STABLE: YES

INCOMPATIBILITY: AVOID STRONG OXIDIZERS

Hazardous decomposition products: Fire will cause Carbon Monoxide, Aldehydes, and other unidentified organics.

Hazardous Polymerization: WILL NOT OCCUR

SECTION VII—SPILL OR LEAK PROCEDURES

Steps to be taken if material spills or leaks: N/A

Waste disposal method: Bury in landfill

SECTION VIII—PERSONAL PROTECTION

- Respiratory Protection: None required under normal use. An approved respirator should be worn during machining operations.
- Ventilation: Mechanical (general) ventilation is adequate for most machining operations on the material
- Protective Gloves: N/A
- Eye Protection: N/A
- Other PPE: Protective gloves and coveralls or aprons may be worn to prevent itching caused by contact with dust from machining.

SECTION IX—OTHER PRECAUTIONS

Precautions to be taken in handling and storing: Keep away from extreme heat.

SECTION X—ADDITIONAL INFORMATION

SARA 311/312 Categories for this product

ACUTE: YES CHRONIC: YES FIRE: YES

PRESSURE: NO REACTIVITY: NO