

MATERIAL SAFETY DATA SHEET

MANUFACTURED BY: Kewaunee Scientific Corporation
PO Box 1842
Statesville, North Carolina 28677

Date of Preparation: July 18, 2003 Telephone: 704-873-7202

SECTION I—PRODUCT IDENTIFICATION

Product Number: 0061-B2A and 0061-B3A

Product Name: Black Epoxy Cement, Part A: Resin Component

Product Class: Epoxy Resin

SECTION II—HAZARDOUS INGREDIENTS

Ingredient [CAS No.]	Percent	TLV	Flash Point
Epoxy Resin [025085-99-8]	60	Not Est.	N/A
Fumed Silica [7631-86-9]	2	<u>10mg/m3</u> %Silica+2	N/A
Furfuryl Alcohol [98-000-00]	1	10ppm/Skin	167 (F)
Ethylene Glycol [107-21-1]	1	50ppm	245 (F)
Carbon Black [133-8-4]	1	3.5mg/m3	N/A
Inert Fillers	35	N/A	N/A

SECTION III—PHYSICAL DATA

Appearance: Black Paste

WT/Gal: 11.3

Volatile Volume: 3.0%

Vapor Density: Heavier than air

SECTION IV—FIRE AND EXPLOSION HAZARD

Flammability Classification: Combustible

Flash Point: See Section II

Extinguishing Media: Water fog, foam, dry chemical, carbon dioxide

Unusual fire and explosion hazards: During emergency conditions, exposure to decomposition products may cause a health hazard.

Special fire fighting procedures: Keep containers cool with water.

SECTION V—HEALTH HAZARD DATA

Threshold Limit Value/TLV: See section II

Effects of Overexposure: Material is a skin and eye irritant

Emergency and fire aid procedures: For skin contact, wash off with soap and water. For eye contact, flush with water for 15 minutes. Call physician if necessary.

SECTION VI—REACTIVITY DATA

STABLE: YES

INCOMPATIBILITY (MATERIALS TO AVOID): Strong Oxidizers

Hazardous Decomposition Products: By Fire: Carbon Monoxide, Aldehydes, and other unidentified organics.

Hazardous Polymerization: Will not occur.

SECTION VII—SPILL AND LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Scrape up. Wash surface with detergent and water to remove trace residue.

Waste Disposal Method: Incinerate or react with Part B to form inert solid material. Landfill.

SECTION VIII—SPECIAL PROTECTION

Respiratory Protection: None required

Ventilation: Mechanical (general) ventilation is adequate.

Gloves: Use gloves to avoid skin contact. (Can be irritating)

Eye Protection: Use chemical goggles

Other PPE: None

SECTION IX—SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Keep container away from extreme heat. Avoid contact with skin and eyes. Wash hands after using. Keep container closed when not in use.

SECTION X—ADDITIONAL INFORMATION

SARA 311/312 categories for this product:

ACUTE: YES

CHRONIC: YES

FIRE: NO

PRESSURE: NO

REACTIVITY: NO

MATERIAL SAFETY DATA SHEET

MANUFACTURED BY: Kewaunee Scientific Corporation
PO Box 1842
Statesville, North Carolina 28625

Date of Preparation: July 18, 2003 Telephone Number: 704-873-7202

SECTION I—PRODUCT IDENTIFICATION

Product Number: 0061-B2B and 0061-B3B

Product Name: Black Epoxy Cement, Part B: Hardener Component

Product Class: Amine Curing Agent

SECTION II—HAZARDOUS INGREDIENTS

Ingredient [CAS No.]	Percent	TLV	Flash Point
Proprietary Fatty Acid Polyamidine	40	Not Est.	428 (F)
Polyamine Adduct	10	Not Est.	200 (F)
Triethylenetetramine [112-24-3]	5	Not Est.	275 (F)
Diethylenetriamine [111-40-0]	5	1ppm	215 (F)
Fumed Silica [7631-86-9]	5	<u>10mg/m3</u> %silica+2	NA
Inert Fillers	35	NA	NA

SECTION III—PHYSICAL DATA

Appearance: Grayish Paste

Wt/Gal: 9.4 lbs

Volatile Volume: 10%

Vapor Density: Heavier than air

Product Name: Black Epoxy Cement, Part B: Hardener Component

SECTION IV—FIRE AND EXPLOSION

Flammability Classification: Combustible

Flash Point: See section II

Extinguishing Media: Water fog, foam, dry chemical, carbon dioxide

Unusual fire and explosion hazards: During emergency conditions, exposure to decomposition products may cause a health hazard.

Special fire fighting procedures: Keep containers cool with water.

SECTION V—HEALTH HAZARD DATA

Threshold Limit Value: See Section II

Effects of overexposure: Paste is strongly irritating to skin and eyes and is a skin sensitizer. Vapors may cause respiratory irritation and pulmonary sensitization.

Emergency and first aid procedures: For skin contact, wash off with soap and water. For eye contact, flush with water for 15 minutes. Call physician if necessary. For inhalation, remove victim to fresh air. If breathing has stopped start mouth to mouth resuscitation. Dial 911. For ingestion, do not induce vomiting. Give large amount of water and call 911.

SECTION VI—REACTIVITY DATA

STABLE: YES

INCOMPATIBILITY: STRONG OXIDIZERS

Hazardous decomposition products: By Fire: Carbon monoxide, oxides of nitrogen and unidentified nitrogen containing organic compounds.

Hazardous polymerization: Will not occur

SECTION VII—SPILL OR LEAK PROCEDURES

Steps to be taken if material is spilled or released: Absorb with inert material. Flush area with water.

Waste disposal methods: Incinerate or react with Part A to form solid material and remove to landfill.

Product Name: Black Epoxy Cement, Part B: Hardener Component

SECTION VIII—SPECIAL PROTECTION

Respiratory Protection: Normally not required. If in a confined space, a supplied air respirator should be used.

Ventilation: Mechanical (general) ventilation is acceptable.

Gloves: Use gloves to avoid skin contact.

Eye Protection: Use chemical goggles.

Other PPE: None required.

SECTION IX—SPECIAL PRECAUTIONS

Keep container away from extreme heat. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. Keep container closed when not in use.

SECTION X—ADDITIONAL INFORMATION

SARA 311/312 categories for this product:

Acute: YES Chronic: YES Fire: Combustible

Pressure: NO Reactivity: NO