

MATERIAL SAFETY DATA

The Euclid Chemical Company • Cleveland, Ohio 44110

FOR TRANSPORTATION & SAFETY EMERGENCIES CALL: 1-800-255-3924
INTERNATIONAL USERS CALL COLLECT: 1-813-248-0585

TRADE NAME
Euco # 620 Epoxy System Gel

CHEMICAL NAME
Bisphenol A Resin System

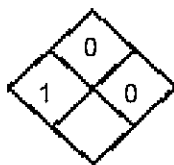
1. INGREDIENTS

MATERIAL	CAS #	%	ACGIH(TLV)	PEL
Part A:				
Modified Bisphenol-A Polyglycidyl Ether	25068-38-6	60-65		
Amorphous Fumed Silica	67762-90-7	0-5		
Silicon Dioxide, Amorphous	7631-86-9	0-5		
Part B:				
*Aliphatic Amine	1477-55-0	20-25		
*Dibutyl Phthalate	84-74-2	5-10	5 mg/m ³	5 mg/m ³
Silicon Dioxide, Amorphous	7631-86-9	0-5		
Amorphous Fumed Silica	67762-90-7	0-5		
*Phenol	108-95-2	<5	5ppm (skin)	
*SARA Title III Section 313 Chemical				

2. PHYSICAL DATA

APPEARANCE Gray Paste	ODOR Phenolic	MELTPOINT NA	SPECIFIC GRAVITY NE
VAPOR DENSITY (AIR=1) NA	%VOLATILE BY WEIGHT None	VOC g/l*	BULK DENSITY NA
VAPOR PRESSURE NA	%SOLUBILITY(H ₂ O) None	EVAPORATION RATE	BOILING POINT >500°F
			PH

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD >200°F SETA	NFPA FIRE HAZARDS IDENTIFICATION SYSTEM 
FLAMMABLE LIMITS LEL 1.4 UEL NE	
EXTINGUISHING MEDIA Class B Extinguishers (Dry Chemical, Foam, CO ₂)	
SPECIAL FIRE FIGHTING PROCEDURES Water should be used to cool fire-exposed containers.	
UNUSUAL FIRE AND EXPLOSION HAZARDS If a leak or spill has not ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak.	

4. PHYSIOLOGICAL EFFECTS

LD50 ORAL (INGESTION) Rat=30 g/kg	LD50 DERMAL (SKIN CONTACT) NE	LC50 (INHALATION) NE
PRIMARY ROUTE OF EXPOSURE Skin absorbent	THRESHOLD LIMIT VALUE (TLV) NE	

EFFECTS OF OVEREXPOSURE
Inhalation: Contains materials which can cause respiratory irritation.
Eye: May cause chemical burn in eye. Damage may be irreversible.
Skin: May cause sensitization and other allergic responses. May cause chemical burn on skin.
Ingestion: No specific information available. Contains materials which are moderately toxic and may cause irritation or burns in mouth, esophagus or stomach.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm. *VOC Part A & B - 0 g/l Mixed VOC - 0 g/l



THE EUCLID CHEMICAL COMPANY
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CLEVELAND, OHIO 44110
1-800-321-7628 OR 216-531-9222

NE - NOT ESTABLISHED
NA - NOT APPLICABLE

5. EMERGENCY AND FIRST-AID PROCEDURES

Inhalation: In case of exposure to high concentration of vapors, move to fresh air.
Eye: Flush with water. Seek medical attention.
Skin: Wash thoroughly with soap and water.
Ingestion: Seek medical attention. DO NOT induce vomiting.

6. U.S. D.O.T. SHIPPING DESCRIPTION

Part A: Not Regulated

Part B: Corrosive Liquids, n.o.s.(Contains Modified Polyamine), 8, UN1760, PGII

7. SPECIAL PROTECTION INFORMATION

VENTILATION

Local Exhaust: Recommended when appropriate to control employee exposure. Mechanical (General): May not be adequate as the sole means of controlling employee exposure.

RESPIRATORY

NIOSH approved methylamine cartridge respirators according to 29 CFR 1910.134.

EYE PROTECTION

Chemical splash goggles.

PROTECTIVE GLOVES

Yes (rubberized)

OTHER

Coverall, apron, & rubber foot covering.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

8. CHEMICAL REACTIVITY

CONDITIONS CAUSING INSTABILITY

Excessive heat, strong acids

INCOMPATIBILITY (MATERIALS TO AVOID)

Acids, organic solvents

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, oxides of nitrogen

SPECIAL SENSITIVITY

None known

9. STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with skin. Thoroughly launder contaminated clothing before reusing. Discard contaminated shoes. Enforce good housekeeping practices. Ground containers when transferring materials.

10. SPILL, LEAK, AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED

Eliminate ignition sources. Dike spill to minimize contamination. Completely absorb with inert material (sand, vermiculite, etc.). Sweep or scoop up and put in disposal container.

WASTE DISPOSAL METHOD

Dispose of in accordance with all federal, state, and local laws and regulations.

PREPARED BY

Rich Mikol

DATE

07/15/03

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Euco # 620 Epoxy System Gel

TELEPHONE NUMBER

216-531-9222

SUPERSEDES MSDS DATED

12/16/02

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.