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## 1. CHEMICAL PRODUCT IDENTIFICATION

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PRODUCT NAME - LOW VISCOSITY EPOXY RESIN

AKA MAS #718 RESIN Code # 30-001, 30-002, 30-003, 30-004, 30-005, 30-021, 30-030, 30-040 Part A of 30-019 and 30-020.

PRODUCT CLASS / COMMON NAME - Epoxy Resin PRODUCT TYPE: Liquid Resin

PRODUCT FAMILY/ CHEMICAL NAME: Epoxy Resin

PRODUCT SIGNAL WORD Warning

PRODUCT HAZARDS Possible Sensitizer

MANUFACTURER - Phoenix Resins, Inc.  
602 Union Landing Rd, Bldg  
#3 Cinnaminson, NJ 08077PRODUCT EMERGENCY NUMBERS - 1-888-627-3769 (company)  
CHEMTREC -1- 800-424-9300

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## 2. COMPOSITION / INFORMATION On INGREDIENTS

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DESCRIPTION - The exact chemical identity of this component is a trade secret. This component is composed of DEG BPA epoxy, Novalak epoxy and proprietary reactive epoxy diluents.

CAS NUMBER - NF

EXPOSURE LIMITS - TLV and PEL - Not Established

LD50 ORAL - 5000 mg/kg (rabbit) 10,100 mg/kg (rat)

LC50 INHALATION - 4000 mg/kg (rabbit)

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## 3. HAZARDS IDENTIFICATION

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CHRONIC EFFECTS - Skin Sensitization (Dermatitis)

EYE - Will cause moderate/severe eye irritation

INHALATION - Unlikely except at elevated temperatures. May cause an allergic reaction

SKIN ABSORPTION - Not likely to be absorbed through skin

SKIN CONTACT - Possible skin irritant/ sensitivity

INGESTION - Will cause illness

## HMIS HAZARD RATING

HEALTH 1 FLAMMABILITY 1 REACTIVITY 0 PERS. PROTECT. C

## NFPA HAZARD RATING

HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

CARCINOGENICITY - Not listed as an IARC, OSHA or ACGIH potential carcinogen SPECIAL

PROCEDURES IN HANDLING AND STORAGE - Emergency eyewash stations and safety showers must be close to any area of possible exposure.

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#### 4. FIRST AID MEASURES

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EYES - Flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention.

SKIN - Remove and do not reuse contaminated clothing. Wash exposed areas thoroughly with soap and water and flush for ten (10) minutes. It is not recommended to remove resin from skin with solvents. Solvents only increase contact and dry the skin.

INGESTION - Induce vomiting only if person is conscious Obtain emergency medical help.

INHALATION- Remove to fresh air. If breathing is labored administer oxygen. Call physician.

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#### 5. FIREFIGHTING MEASURES

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FLAMMABILITY CLASSIFICATION - Combustible Liquid, Class IIIB

FLASH POINT >350-375° F Flash Closed Cup

LOWER EXPLOSIVE LIMITS N/A

EXTINGUISHING MEDIA Foam, water fog, dry chemical - carbon dioxide preferred

FIRE & EXPLOSIVE HAZARDS decomposition and combustion products may be toxic.

SPECIAL FIREFIGHTING PROCEDURES - Use self contained breathing apparatus and impervious turn out gear.

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#### 6. ACCIDENTAL RELEASE MEASURES

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IN THE EVENT OF A SPILL - - Remove all possible sources of ignition or polymerization (see Section 5). Equip personnel with proper protection (see Section 7) Dike the spill to prevent from spreading. Collect for disposal. Use absorbent to soak up remainder of liquid. material will float on water. May be covered with foam or water fog if danger of ignition exists. Notify authorities as required by law.

WASTE DISPOSAL METHOD - Remove contaminated materials for disposal at a permitted facility using registered transports. Dilute aqueous waste is biodegradable. Incineration is the preferred method of disposal.

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#### 7. HANDLING, STORAGE AND PERSONAL PROTECTION

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VENTILATION - Use and store only with adequate ventilation or use respiratory protection

RESPIRATORY - If vapors are present, use a NIOSH/MSHA approved positive pressure, supplies air respirator.

EYE PROTECTION - If potential for splashing is present, splash goggles or a full face shield should be worn.

SKIN PROTECTION - DO NOT ALLOW SKIN CONTACT. If potential skin contact is present, impervious protection clothing should be worn. Neoprene coated fabric is recommended for this application.

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## 8. PHYSICAL AND CHEMICAL PROPERTIES

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VAPOR DENSITY -	NA
VAPOR PRESSURE	NA
SOLUBILITY IN WATER	Insoluble
APPEARANCE	Clear, pale yellow viscous liquid
ODOR -	Slight Aromatic

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## 9. STABILITY AND REACTIVITY

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STABILITY	Stable
HAZARDOUS POLYMERIZATION	Will autopolymerize at very high temperatures
HAZARDOUS DECOMPOSITION PRODUCTS	Fumes, carbon dioxide, carbon monoxide, acrid smoke, phenolics, aldehydes
CONDITIONS TO AVOID	High heat, amines, strong oxidizers, acids and bases
INCOMPATIBILITY (Materials to Avoid)	Strong acids, bases and oxidizers

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## 10. TRANSPORTATION AND REGULATORY INFORMATION

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DOT 49CFR172.101-102 CLASSIFICATION	Not Hazardous		
DOT SHIPPING NAME	Not Regulated		
PROPOSITION 65 - This product may contain trace amounts of epichlorohydrin and phenol glyoldyl ether which are known to the state of California to cause cancer.			
TCSA - On 40CFR710 Section 8b Chemical Substances Inventory and Canadian Domestic Substances List			
SARA/ TITLE III - Section 311/312	Not Hazardous	Section 313 Listed Chemicals	None
CERCLA - Not subject to any special reporting requirements		WHMIS	D2B

This information contained above is given in good faith based on the best data available at this time. No warranty, expressed or implied is made. User assumes full responsibility for determining appropriate use and application of this product. For further information call Phoenix Resins 1-888-627-3769.