

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: KEY #580 PIGMENTED FLEXIBLE EPOXY PART A **HMIS CODES:** H F R P
PRODUCT CODE: KR-580-000 1 1 0 B

SECTION 1: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: KEY RESIN COMPANY
ADDRESS: 4050 Clough Woods Drive
Batavia, OH 45103
EMERGENCY NUMBER: 1-800-424-9300 **DATE PRINTED:** 01/09/12
INFORMATION NUMBER: 1-513-943-4225 **PREPARER:** R. CAIN

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH		CARCINOGEN
			TLV	WT %	
Epoxy Resin	25068-38-6	NE	NE	60-80	NO
Polypropylene Glycol	9072-62-2	NE	NE	20-40	
Glycidyl Ether					
Talc	14807-96-6	2 mg/m ³	2 mg/m ³	10-20	NO

The exposure limits established for ingredients of this product apply to nuisance dusts from inert fillers. These fillers are blended into a liquid and pose no hazard as supplied.

Substances listed are present in concentration of 1% or greater, or 0.1% if cited as a potential Carcinogen in the OSHA hazards communication standard. Where proprietary ingredient is listed, the identity is available as provided in 29 CFR 1910.1200.

NE - Not Established

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT NA
VAPOR DENSITY Heavier than Air
VAPOR PRESSURE N/A
VOC 0
SOLUBILITY IN WATER Negligible
APPEARANCE AND ODOR Clear Liquid, mild odor
SPECIFIC GRAVITY (H2O=1) 1.14
EVAPORATION RATE Slower than N-Butyl Acetate

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200° F
METHOD USED: SFCC
FLAMMABLE LIMITS IN AIR BY VOLUME **LOWER:** Not determined
UPPER: Not determined
EXTINGUISHING MEDIA: Water spray, dry chemical, Foam, Carbon Dioxide
OSHA FLAMMABILITY CLASSIFICATION: Combustible liquid, Class III A
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters and others exposed to vapors of combustion should wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.
UNUSUAL FIRE AND EXPLOSION HAZARDS: May produce hazardous fumes or hazardous decomposition products.

SECTION 5: REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (MATERIALS TO AVOID): Strong Amines and Acids

SECTION 5: REACTIVITY DATA (CON'T)

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide, Aldehydes and Acids.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARD DATA

HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

INHALATION: Heating can generate vapors that could cause headache, nausea, dizziness, and respiratory irritation if inhaled.

SKIN CONTACT: Prolonged or repeated contact of product with skin may cause irritation and could result in dermatitis. May cause sensitization or other allergic reaction.

EYE CONTACT: Direct contact of product with eyes can cause irritation.

INGESTION: Slightly toxic.

HEALTH HAZARDS (ACUTE AND CHRONIC):

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No

OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with generous amounts of water for at least 15 minutes. Get immediate medical attention.

SKIN: Wash affected areas with water while removing contaminated clothing. Launder contaminated clothing before reuse.

INGESTION: If swallowed, DO NOT INDUCE VOMITING. Dilute with water and call a physician immediately. Never give fluids or induce vomiting if victim is unconscious or having convulsions.

INHALATION: Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Soak up in absorbent material or scrape up. Residual can be removed with non-flammable solvent.

WASTE DISPOSAL METHOD: Burn in adequate incinerator or bury in an approved landfill in accordance with local, state or Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry, well ventilated area away from excessive heat or open flame.

OTHER PRECAUTIONS: Avoid breathing of vapors. Practice good personal hygiene and exercise caution to avoid skin and eye contact.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH/MSHA approved organic vapor respirator when vapors are generated above the permissible limit.

VENTILATION: Good general mechanical ventilation and local exhaust.

PROTECTIVE GLOVES: Plastic or rubber.

EYE PROTECTION: Safety glasses with side shields or chemical goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Clean body covering clothing. A safety shower and eye wash facility should be available.

WORK/HYGIENIC PRACTICES: Wash thoroughly before eating, drinking, or smoking.

SECTION 9: REGULATORY INFORMATION

SARA TITLE III SECTION 313: Unless shown below, this product does not contain the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
106-89-8	Epichlorohydrin	trace

PROP 65 (CARCINOGEN): Unless shown below, this product does not contain chemicals known to the state of California to cause cancer.

CAS #	Chemical Name	Percent by Weight
	None	

PROP 65 (TERATOGENIC): Unless shown below, this product does not contain chemicals known to the state of California to cause birth defects or other reproductive harm.

CAS #	Chemical Name	Percent by Weight
	None	

PROP 65 (CARCINOGENIC & TERATOGENIC): Unless shown below, this product does not contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS #	Chemical Name	Percent by Weight
	None	

HAZARDOUS WASTE INFORMATION: Unless shown below, this product is not a hazardous waste according to definitions found in CFR-40.

STATE OF MICHIGAN CRITICAL MATERIALS: Unless shown below, this product does not contain ingredients appearing on the State of Michigan Critical Materials List.

CAS #	Chemical Name	Percent by Weight
	None	

D. O. T. PROPER SHIPPING NAME: Synthetic Resin Liquid

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HAZARD CLASS: non-hazardous

UN/NA ID NUMBER:

SECTION 10: DISCLAIMER

Data and recommendations presented herein are based upon our and other researchers and are believed to be accurate. The products discussed are distributed without warranty (expressed or implied) and the customer shall make his own determination of suitability for his particular purpose.