

**MATERIAL SAFETY DATA SHEET
KEY #110 CASTING RESIN PART A**

PRODUCT NAME: KEY #110 CASTING RESIN PART A
PRODUCT CODE:

HMS CODES: H F R P

SECTION 1: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: KEY RESIN COMPANY
ADDRESS: 4050 Clough Woods Drive
Batavia, OH 45103
EMERGENCY NUMBER: 1-800-424-9300
INFORMATION NUMBER: 1-513-943-4225
DATE PRINTED: 09/04/09
NAME OF PREPARER: R.CAIN

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %	CARCINOGEN
Reaction Products of Epichlorohydrin & Bis Phenol A	25085-99-8	NE	NE		NO

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 RANGE
VAPOR DENSITY : Heavier than Air
VOC : -0-
APPEARANCE : Low viscosity clear liquid
WEIGHT PER CM³ : 1.16
EVAPORATION RATE : Slower than Ether

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >480° F
METHOD USED:
FLAMMABLE LIMITS IN AIR BY VOLUME - **LOWER:** Not determined
UPPER: Not determined
EXTINGUISHING MEDIA: Foam, dry chemical CO 2
SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS:

SECTION 5: REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excess heating or long periods of time degrades the resin.
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents, strong acids, strong bases.
Mixing large quantities (1 gallon) with amines or epoxy hardeners can cause heat build-up and hazardous reaction.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide.
HAZARDOUS POLYMERIZATION: May occur--Avoid excess contact with aliphatic amine curing agents.

SECTION 6: HEALTH HAZARD DATA

HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC):

CARCINOGENICITY: NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush at once with potable water for at least 15 minutes and seek medical attention immediately.

SKIN: Wash with soap and warm water. Remove contaminated clothes. Wash before reuse. Destroy contaminated shoes.

INGESTION: Not likely to occur in normal handling. Give large quantities of water and get medical attention.

INHALATION: Remove to fresh air. Administer oxygen if breathing is difficult.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid contact. Soak up with clay or other absorbent material. Place in covered container for disposal. Flush contaminated area with water.

WASTE DISPOSAL METHOD: Dispose in an approved incinerator or an approved landfill.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Practice reasonable care and cleanliness.

OTHER PRECAUTIONS: Avoid gross contamination with skin. Wash off skin with soap and water.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: Dust respirator NIOSH approved.

VENTILATION: General mechanical ventilation and local exhaust

PROTECTIVE GLOVES: Impervious Gloves

EYE PROTECTION: Splash proof goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Provide eye fountain and safety shower.

SECTION 9: REGULATORY INFORMATION

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.