

**MATERIAL SAFETY DATA SHEET
KEY RESIN #470 POLYASPARTIC TOPCOAT PART B**

PRODUCT NAME: KEY #470 POLYASPARTIC TOPCOAT PART B
PRODUCT CODE: Key #470

HMS CODES: H F R P
3 3 1 --

SECTION 1: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: KEY RESIN COMPANY
ADDRESS: 4061 Clough Woods Drive
Batavia, OH 45103

EMERGENCY NUMBER: 1-800-424-9300
INFORMATION NUMBER: 1-513-943-4225

DATE PRINTED: 07/04/07
NAME OF PREPARER: R. CAIN

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %
HDI Homopolymer	28182-81-2	NE	NE	>99

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

SOLUBILITY IN WATER : Reacts
APPEARANCE AND ODOR : Clear to amber liquid, odorless
WEIGHT PER GALLON : 9.16 lbs (± 0.25)
EVAPORATION RATE : Slower than ether
PERCENT VOC BY VOLUME : Negligible

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200° F

METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME - **LOWER:** Not determined
UPPER: Not determined

EXTINGUISHING MEDIA: CO2, dry chemical, water not recommended

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as extinguishing agent.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Pressure may build up in containers and create explosion hazard.

SECTION 5: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents, strong acids & bases, Polymerization initiators, alcohols, amines, water.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide, nitrogen oxides, and organic compounds.

HAZARDOUS POLYMERIZATION: May occur.

SECTION 6: HEALTH HAZARD DATA

HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

EYES: Irritation, burning, tearing, and redness.

SKIN: Moderate irritation or defatting of skin upon prolonged or repeated contact.

INGESTION: Abdominal pain, nausea, vomiting, and diarrhea.

INHALATION: May be harmful if inhaled.

CARCINOGENICITY: NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with cool water for at least 15 minutes. Call a physician.

SKIN: Remove contaminated clothing, wash skin with soap and water.

INGESTION: **Do not induce vomiting.** Get medical attention immediately.

INHALATION: Move to fresh air. Aid breathing if necessary. Call a physician.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike spill area. Absorb with inert absorbant material. Place in sealed containers for proper disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal EPA regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in dry area. Keep away from open flames and high temperatures.

OTHER PRECAUTIONS: Minimize contact. Avoid breathing vapors. Practice good industrial hygiene and safe working practices.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: Use NIOSH approved dust mask respirator under appropriate OSHA standards and regulations. A combination of both proper ventilation and respiratory protection would tend to eliminate most risks.

VENTILATION: Local exhaust is recommended.

PROTECTIVE GLOVES: Recommended.

EYE PROTECTION: Wear liquid chemical goggles. Contact lenses should not be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash facility and safety shower recommended. Long sleeve shirts and pants.

WORK/HYGIENIC PRACTICES: Wash hands with soap and water after using and before eating.

SECTION 9: REGULATORY INFORMATION

D. O. T. PROPER SHIPPING NAME: Less Than 33,333# per container: Not Regulated by DOT

PROPER SHIPPING NAME: Environmentally hazardous substance, Liquid, N.O.S. (Hexamethylene Diisocyanate)

HAZARD CLASS: Class 9, Miscellaneous

UN/NA ID NUMBER: UN 3082

PACKING GROUP: III

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.