

MATERIAL SAFETY DATA SHEET
KEY RESIN #420 100% SOLIDS URETHANE COATING PART A

PRODUCT NAME: KEY #420 100% SOLIDS URETHANE COATING PART A
PRODUCT CODE: KR-420

HMIS CODES: H F R P
2 3 0 --

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: 03/07/06
NAME OF PREPARER: R. CAIN

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

| HAZARDOUS COMPONENTS | CAS NUMBER | OSHA PEL | ACGIH TLV | WT % |
|-------------------------|------------|----------|-----------|-------|
| Urethane Prepolymer | Mixture | NE | NE | 80-90 |
| Isophorone diisocyanate | 4098-71-9 | 0.005 | 0.005 ppm | 1-3 |

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 : No
APPEARANCE AND ODOR : Clear Liquid with musty odor
WEIGHT PER GALLON : 9.2 lbs. (\pm 0.25)
EVAPORATION RATE : Slower than ether
PERCENT VOC BY VOLUME : Less than 1%

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: Foam, Water spray (fog), CO₂, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool.

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

SECTION 5: REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents, strong acids & bases

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

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARD DATA

HEALTH RISKS AND SYMPTOMS OF OVEREXPOSURE:

EYES: Irritation, burning, tearing, and redness.

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

INGESTION: Product is moderately toxic and may be harmful if swallowed; may produce central nervous system depression. Ingestion may result in abdominal pain, nausea, vomiting and diarrhea. If vomiting occurs spontaneously, do not allow vomit to be breathed into the lungs as even a small quantity may result in aspiration pneumonitis.

INHALATION: Vapors irritate mucus membranes. Excessive exposure to vapors can cause headache, nausea, and vomiting.

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. Launder contaminated clothing before reuse.

INGESTION: Give victim 2 glasses of water and induce vomiting. NEVER ADMINISTER ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike spill area. Soak up with absorbent material and place in sealed metal 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: Synthetic Resin Liquid

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HAZARD CLASS: NONE

UN/NA ID NUMBER: NONE

PACKING GROUP: NONE

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.