

**MATERIAL SAFETY DATA SHEET**  
**KEY #555 CONDUCTIVE POLYAMIDE COATING PART A**

**PRODUCT NAME:** KEY #555 CONDUCTIVE POLYAMIDE COATING PART A  
**PRODUCT CODE:**

**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 **DATE PRINTED:** 03/28/06  
**INFORMATION NUMBER:** 1-513-943-4225 **NAME OF PREPARER:** R. CAIN

**SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION**

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	WT %	VAPOR PRESS.
Liquid Epoxy	Mixture	NE	NE	30-32	NE
Polyamide Resins	Mixture	NE	NE	22-24	NE
Xylene	1330-20-7	100 ppm	100 ppm	6-9	5.1 Hg @ 68 deg. F
Propylene Glycol Monomethyl Ether	107-98-2	100 ppm	100 ppm	6-9	8 Hg @ 68 deg. F

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.

(\*) Indicates toxic chemical(s) subject to reporting requirements of Section 313 of Title III and of 40 CFR 372.

NE - Not Established

**SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING RANGE** : 246° F  
**VAPOR DENSITY** : Heavier than Air  
**PERCENT VOLATILE BY VOLUME** : 23  
**VOC** :  
**WEIGHT PER GALLON (lbs)** : 10.7±.2  
**APPEARANCE AND ODOR** : Pigmented liquid with mild solvent odor  
**SPECIFIC GRAVITY (H20=1)** :  
**EVAPORATION RATE** : Slower than Ether

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 80° F

**METHOD USED:**

**FLAMMABLE LIMITS IN AIR BY VOLUME -** LOWER: 1.0  
UPPER:

**EXTINGUISHING MEDIA:** Foam, alcohol foam, CO2, dry chemical.

**OSHA FLAMMABILITY CLASSIFICATION:** Flammable Liquid IC

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

**SECTION 5: REACTIVITY DATA**

**STABILITY:** Product stable

**CONDITIONS TO AVOID:** All sources of ignition.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing agents, strong acids and 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 EXPOSURE:

**INHALATION:** Excessive exposure to vapors can cause headache, dizziness, uncoordination, nausea and loss of consciousness.

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

**EYE:** Eye irritation and burning, tearing and redness.

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

### 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 with water for 15 minutes.

**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.

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

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

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal 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 a NIOSH/MSHA jointly approved respirator.

**VENTILATION:** Use mechanical ventilation.

**PROTECTIVE GLOVES:** Neoprene or rubber.

**EYE PROTECTION:** Chemical splash goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Protective clothing, barrier cream, eye bath, safety shower.

**WORK/HYGIENIC PRACTICES:**

## SECTION 9: REGULATORY INFORMATION

**SARA TITLE III SECTION 313:** This product contains 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
1330-26-7	Xylene	10-15%

**D. O. T. PROPER SHIPPING NAME:** Resin Solution, flammable; 3; UN1866; PG III

**PROPER SHIPPING NAME:** Resin Solution, flammable

**HAZARD CLASS:** Class 3; Flammable Liquid

**UN/NA ID NUMBER:** UN 1866

## 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.