

# MATERIAL SAFETY DATA SHEET

A&C Catalysts, Inc.  
333 Hamilton Blvd  
So. Plainfield, NJ 07080

PRODUCT NAME : Rubber Modified Epoxy RME-912  
MSDS DATE : January 17, 2001 (mod2)

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## 1. PRODUCT IDENTIFICATION

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### MANUFACTURE'S NAME AND ADDRESS :

A&C Catalysts, Inc.  
333 Hamilton Blvd  
So. Plainfield, NJ 07080  
Tel: (908) 226-7575 FAX: (908)226-7577

TRADE NAME : RME-912

CHEMICAL NAME : Blend of Bisphenol A Epoxy Resin Modified with Butadiene-acrylonitrile elastomer

CHEMICAL FORMULA : CAS # 25036-25-3 >60%

CAS # 68610-41-3 >30%

TYPE OF USE : Thermosetting resin

HMIS HAZARD RATING: Health 1 Flammability 1 Reactivity 0 Personal Protection C

NFPA HAZARD RATING: Health 1 Flammability 1 Reactivity 0

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## 2. HAZARDOUS INGREDIENTS

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HAZARD CLASSIFICATION : Not classified as hazardous chemical. Possible Sensitizer

SUSPECTED CANCER AGENT : No

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## 3. PHYSICAL DATA

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BOILING POINT(°C) : No data

MELTING POINT(°C) : 90-120 °C

VAPOR PRESSURE(mmHg) : No data

VAPOR DENSITY(AIR=1) : No data

APPEARANCE AND ODOR : Pale yellow powder

pH : No Data

SPECIFIC GRAVITY(WATER=1) : 1.16

SOLUBILITY IN WATER : Slightly soluble

VOLATILE MATERIAL : No data

EVAPORATION RATE : Not applicable

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**4 FIRE AND EXPLOSION DATA**

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FLASH POINT : No data

AUTOIGNITION TEMPERATURE : No data

EXTINGUISH MEDIA : Water, CO<sub>2</sub>, dry chemical and foam

SPECIAL FIRE FIGHTING PROCEDURES : Wear self-contained breathing apparatus and complete body protecting clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDOUS : Handle as a organic dust.

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**5. HEALTH HAZARD INFORMATION**

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**HEALTH HAZARD DATA**

ORAL LD50 : No data

**PRIMARY IRRITATION (DRAIZE TEST)**

SKIN : No data

EYES : No data.

SKIN SENSITIZATION :No data

CARCINOGENICITY : Not listed in NTP, IARC, OSHA.

MUTAGENICITY : No data

**EFFECT OF EXPOSURE**

ACUTE : Skin contact is the most likely route of exposure. Contact with skin and eyes may causes irritation.

**EMERGENCY AND FIRST AID PROCEDURES**

EYES : Immediately flush with water for at least 15 minutes. Get medical attention.

SKIN : Wash off with soap and water. Remove contaminated clothing and shoes. Launder clothing before re-use and discard contaminated leather articles. Get medical attention if swelling or reddening occurs.

INHALATION : Remove to fresh air if effect occur and administer oxygen or artificial respiration if necessary. Get medical attention if effects persist.

INGESTION : Never give anything by mouth to an unconscious person. If someone swallow by accident, seek immediate medical attention.

Note : Powder may cause irritation of skin and eyes, and will irritate nose and throat if inhaled.

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## 6 REACTIVITY DATA

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STABILITY : Stable under normal conditions. Hazardous polymerization will not occur.  
INCOMPATIBILITY : Avoid bringing into contact with strong oxidizing materials under uncontrolled condition.  
HAZARDOUS DECOMPOSITION PRODUCT : CO, CO<sub>2</sub>, Nitrogen oxides

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## 7. ENVIRONMENTAL PROCEDURES

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SPILL OR RELEASES : Avoid contact with material. Do not raise dust. Shovel up or absorb (if in solution) spilled material and re-use, or place in a close, labeled container and dispose according to federal, state and local regulation.

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## 8. INDUSTRIAL HYGIENE CONTROL MEASURES

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### VENTILATION REQUIREMENT

Breathing of dust and vapor must be avoided. Ventilation must be sufficient to control dust and fumes produced by processing method. Local exhaust ventilation recommended to control dust and improve housekeeping.

### PROTECTIVE EQUIPMENT

RESPIRATION : NIOSH/MSHA approved respiratory protection required in the absence of proper environmental control.

EYES : Chemical safety spectacles with side shield.

HAND PROTECTION : Gloves

OTHER CLOTHING AND EQUIPMENT : Standard work clothing. Standard work shoes. Wash soiled clothing with soap and dry before re-use. Emergency shower and eyebath; rubber apron and boots.

### NOTICE :

This information is taken from sources or based upon data believed to be reliable. However, A&C Catalysts, Inc. makes no warranty as to the absolute correctness or sufficiency of any of the forgoing or that additional or other measures may not be required under particular conditions.