

## **M-COAT Q HEAT CURING POLYIMIDE COATING**

### **MSDS Number**

BPWMH

### **National Stock Number**

8030-00N034821

### **Product Name**

M-COAT Q HEAT CURING POLYIMIDE COATING

### **Manufacturer**

MEASUREMENTS GROUP INC

### **Product Identification**

Product ID:M-COAT Q HEAT CURING POLYIMIDE COATING

MSDS Date:12/17/1986

FSC:8030

NIIN:00N034821

MSDS Number: BPWMH

### **Responsible Party**

MEASUREMENTS GROUP INC

RALEIGH , NC 27611

US

Emergency Phone: 919-365-3800

Info Phone: 919-365-3800

Cage: 88952

### **Contractor**

MEASUREMENTS GROUP INC

WENDELL, NC 27591

US

919-365-3800

Cage: 88952

### **Ingredients**

ACETAMIDE, N,N-DIMETHYL-; (N,N-DIEMTHYLACETAMIDE). LD50

CAS: 127-19-5

RTECS: AB7700000

Fraction By Weight: 40%

OSHA PEL10 PPM, S

ACGIH TLV: 10 PPM, S

(ORAL, RAT) 9750 MG/KG.

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 40%

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

POLYMER (AMIDE-IMIDE)

Fraction By Weight: 20%

## Hazards

LD50 LC50 Mixture:SEE INGREDIENTS

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CHRONIC EXPOSURE MAY INCLUDE KIDNEY AND/OR LIVER DAMAGE. ACUTE EXPOSURE MAY INDUCE EYE TEARING AND BLURRED VISION, DIZZINESS, NAUSEA, NARCOSIS, TISSUE DEFATTING, DERMATITIS, AND GASTRIC DISTRESS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:EYES: IRRITATION, REDNESS, TEARING, BLURRED VISION. INHAL: IRRITATION OT MUCOUS TISSUE, HEADACHE, NAUSEA, DIZZINESS. CONTACT: IRRITATION AND MILD DERMATITIS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES: FLUSH W/COPIOUS AMTS OF WATER FOR @ LST 15 MIN. INHAL: REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, ADMIN O\*2. INGEST: IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING. GIVE WA TER TO DILUTE. SKIN: WASH AFFECTED AREAWITH SOAP AND WATER. FLUSH AREA THOROUGHLY. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. IF AN IRRITATION PERSISTS, SEEK MEDICAL AID. IN ALL CASES, SEEK MED AID.

## Fire Fighting

Flash Point Method:TCC

Flash Point:0F,-18C

Lower Limits:2.8%

Upper Limits:13.2%

Extinguishing Media:CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . USE WATER TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES AND FLASH BACK. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE.

## Accidental Release

Spill Release Procedures:REMOVE SOURCES OF IGNITION, VENTILATE AREA. WIPE UP WITH ABSORBENT MATERIAL SUCH AS SAND OR VERMICULITE. FLUSH AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE BELOW 80F (27C) IN DRY WELL-VENTILATED FLAMMABLE LIQUID AREA. KEEP CONTAINERS TIGHTLY SEALED.

Other Precautions:AVOID PROLONGED EXPOSURE TO VAPORS OR SKIN CONTACT. DO NOT INGEST.

## Exposure Controls

Respiratory Protection:FOR EMERGENCY USE TO 5000 PPM: NIOSH/MSHA APPROVED ORG VAP CANISTER. OTHER: FOR EMERGENCY USE > 5000 PPM: NIOSH/MSHA APPROVED SCBA.

Ventilation:USE LOCAL OR GENERAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:BUTYL OR NEOPRENE RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:IMPERVIOUS OVER-CLOTHING. SAFETY SHOWER AND EYE WASH STATION IN LOCAL AREA.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

HCC:F3  
Boiling Pt:B.P. Text:133F,56C  
Vapor Pres:226 @ 77F  
Vapor Density:3  
Spec Gravity:0.8 (H\*2O=1)  
Evaporation Rate & Reference:8 (BUTYL ACETATE=1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:DARK BROWN LIQUID; ACETONE ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AND HALOGENATED COMPOUNDS.  
Stability Condition to Avoid:HEAT, SOURCES OF IGNITION.  
Hazardous Decomposition Products:OXIDES OF CARBON, NITROGEN, AMMONIA,  
AND PARTIALLY BURNED AMINES.

## Disposal

Waste Disposal Methods:DISPOSE OF I/A/W LOCAL, STATE AND FEDERAL  
REGULATIONS.

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