

## **M-BOND 600 ADHESIVE**

### **MSDS Number**

CGQRH

### **National Stock Number**

8040-00N008549

### **Product Name**

M-BOND 600 ADHESIVE

### **Manufacturer**

MEASUREMENTS GROUP INC

### **Product Identification**

Product ID:M-BOND 600 ADHESIVE

MSDS Date:08/13/1996

FSC:8040

NIIN:00N008549

MSDS Number: CGQRH

### **Responsible Party**

MEASUREMENTS GROUP INC

RALEIGH , NC 27611

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 919-365-3800

Preparer: R L FRIDLEY

Cage: 88952

### **Contractor**

MEASUREMENTS GROUP INC

WENDELL, NC 27591

US

919-365-3800

Cage: 88952

### **Ingredients**

TETRAHYDROFURAN (CERCLA)

CAS: 109-99-9

RTECS: LU5950000

Fraction By Weight: 50.2%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM/250 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PHENOL,POLYMER WITH FORMALDEHYDE,GLYCIDYL ETHER

CAS: 28064-14-4

Fraction By Weight: 42.6%

OSHA PELN/K

ACGIH TLV: N/K

2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 7.2%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM/300 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

598 G/LITER

RTECS: 9999999VO

OSHA PELN/K

ACGIH TLV: N/K

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHAL: HEADACHE, NAUSEA, VOMITING, DIZZINESS, NARCOSIS, RESPIRATORY FAILURE, LOW BLOOD PRESSURE, CENTRAL NERVOUS SYSTEM DEPRESSION, COUGHING, DIFFICULT BREATHING. EYE: SEVERE IRRITATION OR BURN S. SKIN: SEVERE IRRITATION OR BURNS. INGEST: HEADACHE, NAUSEA, VOMITING, DIZZINESS, GASTROINTESTINAL. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: SKIN ABSORPTION: MAY CAUSE DERMATITIS. CHRONIC: CHRONIC OVEREXPOSURE MAY RESULT IN KIDNEY AND/OR LIVER DAMAGE.

Medical Cond Aggravated by Exposure:SKIN DISORDERS, RESPIRATORY SYSTEM DISEASE.

## First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. EYE: IMMEDIATE FLUSH WITH PLENTY OF WATER FOR @ LST 15 MINUTES. SKIN: FLUSH WITH WATER. I NGEST: CALL PHYSICIAN. IF SWALLOWED, DONOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER.

## Fire Fighting

Flash Point Method:PMCC

Flash Point:6F,-14C

Lower Limits:1.8%

Upper Limits:11.8%

Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL, CARBON DIOXIDE. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . MOVE CNTNRS FROM FIRE AREA IF IT CAN BE DONE W/OUT RISK. USE WATER TO KEEP FIRE-EXPOSED CNTNRS COOL.

Unusual Fire/Explosion Hazard:VAPS MAY FLOW ALONG SURFS TO DISTANT IGNIT SOURCE & FLASH BACK. CLSD CNTNRS EXPOSED TO HEAT MAY EXPLODE. CONT W/STRONG OXIDIZERS MAY CAUSE FIRE. MAY (SUPDAT)

## Accidental Release

Spill Release Procedures:WEAR NIOSH SCBA & FULL PROT CLTHG. SHUT OFF IGNIT SOURCES; NO FLARES, SMKNG/FLAMES IN AREA. STOP LEAK IF YOU CAN DO SO W/OUT RISK. USE WATER SPRAY TO REDUCE VAPS. TAKE UP

W/SAND OR OTHER NON-COMBUST A BSORB MATL & PLACE INTO CNTNR FOR LATER(SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED, FLAMMABLE LIQUID STORAGE AREA. KEEP PRODUCT OUT OF LIGHT.

Other Precautions:KEEP CONTAINERS TIGHTLY SEALED. AVOID PROLONGED EXPOSURE TO VAPORS AND SKIN CONTACT.

## Exposure Controls

Respiratory Protection:RESP PROT REQD IF AIRBORNE CONC EXCEEDS TLV. AT CONCS UP TO 1000 PPM, A NIOSH APPRVD CHEM CARTRIDGE RESP W/ORGANIC VAPOR CARTRIDGE IS REC. ABOVE THIS LEVEL, A NIOSH APPRVD SCBA IS RECOMMENDED.

Ventilation:LOCAL & MECHANICAL: KEEP BELOW TLV.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS (SUPDAT)

Other Protective Equipment:ANSI APPRVD EYE WASH & DELUGE SHOWER . IMPERVIOUS OVER CLOTHING AS NEEDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING.

Supplemental Safety and Health

EXPLO HAZ: FORM EXPLOSIVE PEROXIDES, ESPECIALLY WHEN HEATED. SPILL

PROC: DISP. FLUSH AREA WITH WATER. EYE PROT: & FULL LENGTH

FACESHIELD .

## Chemical Properties

Boiling Pt:B.P. Text:151F,66C

Vapor Pres:145 @ 15C

Vapor Density:2.5

Spec Gravity:0.9 (H\*2O=1)

Evaporation Rate & Reference:14.5 (BUAC =1)

Solubility in Water:APPRECIABLE (>50%)

Appearance and Odor:COLORLESS LIQUID; ETHER-LIKE ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG BASES, STRONG REDUCING AGENTS.

Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION, LIGHT, AIR.

Hazardous Decomposition Products:OR BY-PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE.

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL, ENVIRONMENTAL REGULATIONS.

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