

M-BOND 600 ADHESIVE

MSDS Number

BBPMK

National Stock Number

8040-00F004102

Product Name

M-BOND 600 ADHESIVE

Manufacturer

MEASUREMENTS GROUP(FORMERLY VISHAY GROUP RALEIGH)

Product Identification

Product ID:M-BOND 600 ADHESIVE

MSDS Date:07/10/1995

FSC:8040

NIIN:00F004102

MSDS Number: BBPMK

Responsible Party

MEASUREMENTS GROUP(FORMERLY VISHAY GROUP RALEIGH)

US HWY 64

WENDELL , NC 27591-5000

US

Emergency Phone: 919-365-3800

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

CAS: 109-99-9

RTECS: LU5950000

Fraction By Weight: 50.2%

OSHA PEL200 PPM

ACGIH TLV: 590 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER *98-2*

CAS: 28064-14-4

Fraction By Weight: 42.6%

METHYL ETHYL KETONE, 2-BUTANONE *98-2*

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 7.2%

OSHA PEL200 PPM

ACGIH TLV: 590 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:ORAL LD50(RAT): 2737 MG/KG (SEE SUPP)

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

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

Health Hazards Acute and Chronic:INHALATION: MAY CAUSE RESPIRATORY FAILURE, CNS DEPRESSION. EYES/SKIN: SEVERE IRRITATION/BURNS.

INGESTION: MAY AFFECT THE GASTROINTESTINAL. OVEREXPOSURE MAY RESULT IN KIDNEY/LIVER DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:HEADACHE, NAUSEA, VOMITING, DIZZINESS, NARCOSIS, LOW BLOOD PRESSURE, COUGHING, DIFFICULT BREATHING, IRRITATION, BURNS

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

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: FLUSH W/WATER. INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point Method:PMCC

Flash Point:6F

Lower Limits:1.8

Upper Limits:11.8

Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL/CO2. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:USE PROTECTIVE EQUIPMENT & SCBA W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. MOVE CONTAINERS SAFELY. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW ALONG SURFACES TO IGNITION SOURCE & FLASH BACK. CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE. CONTACT W/STRONG OXIDIZERS MAY CAUSE FIRE. (SUPP)

Accidental Release

Spill Release Procedures:USE SCBA/PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES. STOP LEAK SAFELY W/O RISK. USE WATER SPRAY TO REDUCE VAPORS. TAKE UP W/SAND/OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL & PLACE INTO CONTAINER FOR DISPOSAL. FLUSH AREA W/WATER.

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:AVOID PROLONGED EXPOSURE TO VAPORS & SKIN CONTACT. AVOID FLARES, SMOKING/FLAMES IN AREA.

Exposure Controls

Respiratory Protection:RESPIRATORY PROTECTION REQUIRED IF AIRBORNE

CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS UP TO 1000 PPM, USE A CHEMICAL CARTRIDGE RESPIRATOR W/ORGANIC VAPOR CARTRIDGE. ABOVE THIS LEVEL, USE A SELF CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST/MECHANICAL: TO KEEP BELOW TLV.

Protective Gloves:NEOPRENE

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS OVER CLOTHING, SAFETY SHOWER, EYE WASH STATION

Work Hygienic Practices:WASH THOROUGHLY AFTER USING.

Supplemental Safety and Health

FIRE HAZ CONT'D: MAY FORM EXPLOSIVE PEROXIDES ESPECIALLY WHEN HEATED.

ORAL LD50 INFORMATION IS FOR METHYL ETHYL KETONE.

Chemical Properties

Boiling Pt:B.P. Text:151F

Vapor Pres:145

Vapor Density:2.5

Spec Gravity:0.9

VOC Pounds/Gallon:598

Evaporation Rate & Reference:(BU AC = 1): 14.5

Solubility in Water:APPRECIABLE

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, LIGHT, AIR & OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CO, CO2, EXPLOSIVE PEROXIDES

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Other Information

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