

M-BOND 600 ADHESIVE

MSDS Number

BZZLP

National Stock Number

6850-00N008549

Product Name

M-BOND 600 ADHESIVE

Manufacturer

MEASUREMENTS GROUP INC

Product Identification

Product ID:M-BOND 600 ADHESIVE

MSDS Date:12/15/1986

FSC:6850

NIIN:00N008549

MSDS Number: BZZLP

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

FURAN, TETRAHYDRO-; (TETRAHYDROFURAN) (CERCLA)

CAS: 109-99-9

RTECS: LU5950000

Fraction By Weight: 50.3%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM/250STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

EPOXY NOVOLAC RESIN

Fraction By Weight: 36.2%

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: 13.5%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM/300STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:SEE INGREDIENT 3.

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

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

Health Hazards Acute and Chronic:ACUTE: ACUTE OVEREXP MAY INDUCE NARCOSIS AND/OR LOSS OF CONSCIOUSNESS. MAY BE A SKIN SENSITIZER TO SOME PERS. INHAL: NAUSEA, VOMITING, HEADACHE, AND/OR LOSS OF CONSCIOUSNESS. EYES: TEARING, IRRIT, RED NESS. SKIN: IRRITATION, DEFATTING, AND DERMATITIS. CHRONIC: CHRONIC OVEREXPOSURE MAY INCLUDE KIDNEY AND/OR LIVER DAMAGE.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION AND OXYGEN. EYES: FLUSH EYES AND LID AREAS FOR AT LEAST 15 MI NUTES WITH WATER. INGESTION: IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. FLUSH THOROUGHLY. IN ALL CASES, SEEK MEDICAL AID.

Fire Fighting

Flash Point Method:PMCC

Flash Point:6F,-14C

Lower Limits:1.8%

Upper Limits:11.8%

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

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPS MAY FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES & FLASH BACK. SEALED CONTRS MAY EXPLODE WHEN EXPOSED TO HIGH HEAT. STRONG OXIDIZERS CAN CAUSE IGNITION.

Accidental Release

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE BELOW 80F (27C) IN A DRY, WELL-VENTILATED, FLAMMABLE LIQUID AREA.

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

Exposure Controls

Respiratory Protection:FOR EMERGENCY USE ABOVE 1000 PPM, USE NIOSH/MSHA APPROVED SCBA. FOR EMERGENCY USE TO 1000 PPM, USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR.

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

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS .
Other Protective Equipment:IMPERVIOUS OVER-CLOTHING AS NEEDED.
EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .
Work Hygienic Practices:WASH THOROUGHLY AFTER USING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

Boiling Pt:B.P. Text:151F,66C
Vapor Pres:145
Vapor Density:2.5
Spec Gravity:0.9 (H*2O=1)
Evaporation Rate & Reference:14.5 (BUTYL ACETATE=1)
Solubility in Water:APPRECIABLE (>50%)
Appearance and Odor:COLORLESS LIQUID, WITH ETHER-LIKE ODOR

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HEAT, SOURCES OF IGNITION.
Hazardous Decomposition Products:OXIDES OF CARBON, EXPLOSIVE PEROXIDES,
NITROGEN.

Disposal

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

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