

MEDI-PHYSICS INC SUB OF HOFFMANN-LA ROCHE INC -- M-BOND 610 ADHESIVE --
8040-00-117-7257

===== Product Identification =====

Product ID:M-BOND 610 ADHESIVE

MSDS Date:12/15/1986

FSC:8040

NIIN:00-117-7257

Kit Part:Y

MSDS Number: BCZQB

=== Responsible Party ===

Company Name:MEDI-PHYSICS INC SUB OF HOFFMANN-LA ROCHE INC

Address:2636 S. CLEARBROOK DRIVE

City:ARLINGTON HEIGHTS

State:IL

ZIP:60005

Country

:US

Info Phone Num:708-593-6300

Emergency Phone Num:708-593-6300

CAGE:0AY96

=== Contractor Identification ===

Company Name:MEASUREMENTS GROUP INC

Address:9517 US 64 HWY

Box:City:WENDELL

State:NC

ZIP:27591

Country:US

Phone:919-365-3800

CAGE:88952

Company Name:MEDI-PHYSICS INC SUB OF HOFFMANN-LA ROCHE INC

Address:2636 S. CLEARBROOK DRIVE

Box:City:ARLINGTON HEIGHTS

State:IL

ZIP:60005

Country:US

Phone:708-593-6300

CAGE:0AY96

===== Composition/Information on Ingredients =====

Ingr

ed Name:EPOXY RESIN
Fraction by Wt: 30.3%

Ingred Name:TETRAHYDROFURAN (SARA III)
CAS:109-99-9
RTECS #:LU5950000
Fraction by Wt: 64.4%
OSHA PEL:200 PPM/250 STEL
ACGIH TLV:200 PPM/250STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-3
RTECS #:PM7780000
Fraction by Wt: 5.3%
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ANHYDRIDE ACID.

=====
===== Hazards Identification =====

Routes of Entry: Inha
lation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CHRONIC: MAY INCLUDE KIDNEY AND/OR
LIVER DAMAGE. ACUTE: MAY INDUCE NARCOSIS AND/OR LOSS OF
CONSCIOUSNESS. MAY BE A SKIN SENSITIZER TO SOME PERSONS.
Effects of Overexposure:INHALATION: NAUSEA, VOMITING, HEADACHE, AND/OR
LOSS OF CONSCIOUSNESS. EYES: TEARING, IRRITATION, REDNESS, SKIN:
IRRITATION, DEFATTING, AND DERMATITIS.
Medical Cond Aggravated by Exposure:SEE H
EALTH HAZARDS ABOVE

=====
===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,
ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, ADMINISTER CPR. EYES:
FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. INGESTION: IF
CONSCIOUS, IMMEDIATELY INDUCE VOMITING,SKIN: WASH AFFECTED AREA
WITH SOAP AND WATER. FLUSH THOROUGHLY. IN ALL CASES, SEEK MEDICAL
AID.

=====
===== Fire Fighting Measures =====

=====

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:WEAR PROPER PROTECTIVE EQUIPMENT AND
SELF-CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW ALONG SURFACES TO DISTANT
IGNITION SOURCES AND FLASH BACK.

SEALED CONTAINERS MAY EXPLODE WHEN EXPOSED TO HIGH HEAT, STRONG OXIDIZERS CAN
IGNITE

=====

===== Accidental Release Measures =====

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 and Storage =====

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

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

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED SELF CONTAINED BREATHING
APPARATUS OR ORGANIC VAPOR CARTRIDGE RESPIRATOR WHEN REQUIRED.

Ventilation:LOCAL OR MECHANICAL (GENERAL) AS REQUIRED TO KEEP VAPORS
BELOW TLV.

Protective Gloves:NEOPRENE

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS OVER-CLOTHING AS NEEDED. SAFETY
SHOWER AND

EYE WASH STATION IN LOCAL AREA.

Work Hygienic Practices:WASH THOROUGHLY AFTER USING

Supplemental Safety and Health

PART A OF A TWO PART KIT. SEE P/N IND B, THIS NSN, FOR ADDITIONAL
INFORMATION.KEY1:J1.

===== Physical/Chemical Properties =====

HCC:F2

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

Vapor Pres:145

Vapor Density:2.5

Spec Gravity:0.9

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

Solubility in Water:APPRECIABLE

Appearance and Odor:COLORLESS LIQUID, ETHER-LIKE ODOR

P

ercent Volatiles by Volume:70

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT,SOUCES OF IGNITION

Hazardous Decomposition Products:OXIDES OF CARBON, EXPLOSIVE PEROXIDES,
NITROGEN

===== Disposal Considerations =====

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

Disclaimer (provided with th

is information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.