

MEASUREMENTS GROUP INC -- M-BOND 200 ADHESIVE -- 8040-01-027-1893

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Product Identification
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Product ID:M-BOND 200 ADHESIVE

MSDS Date:07/31/1995

FSC:8040

NIIN:01-027-1893

Kit Part:Y

MSDS Number: CBTCV

=== Responsible Party ===

Company Name:MEASUREMENTS GROUP INC

Box:7777

City:RALEIGH

State:NC

ZIP:27611

Country:US

Info Phone Num:919-365-3800

Emergency Phone Num:800-424-9300 CHEMTREC

Prepar

er's Name:R.L. FRIDLEY

CAGE:88952

=== 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

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Composition/Information on Ingredients
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Ingred Name:METHYL 2-CYANOACRYLATE

CAS:137-05-3

RTECS #:AS7000000

Fraction by Wt: 80-95%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 PPM

ACGIH TLV:2 PPM/4 STEL; 9596

Ingred Name:POLYMETHYLMETHACRYLATE

CAS:9011-14-7

RTECS #:

TR0400000

Fraction by Wt: 5-15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)

CAS:123-31-9

RTECS #:MX3500000

Fraction by Wt: 0.1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9596

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ETHYL CYANOACRYLATE

CAS:7085-85-0

Fraction by Wt: 92%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SUPERBOND 496=INGREDIENTS 1,2,3; SICOMET 7000=INGREDIENTS
1,4; METHYL CYANOACRYLATE ADHESIVE=INGREDIENT

S 1,2,3.

Other REC Limits:NONE RECOMMENDED

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

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

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

Health Hazards Acute and Chronic:VAPOR IS IRRITATING TO NOSE &

BRONCHIAL PASSAGES. PROLONGED & REPEATED OVER-EXPOSURE TO VAPORS
MAY CAUSE ALLERGIC/ASTHMA-LIKE SYMPTOMS. CONTACT WITH SKIN & EYES
MAY CAUSE BONDING OF SURFACES, MAY CAUSE BURNS UPON
SOLIDIFICATION

. INGESTION MAY CAUSE ADHESION/SOLIDIFICATION IN
MOUTH; LIPS MAY STICK TOGETHER.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALATION-IRRITATION OF BRONCHIAL PASSAGES &
NOSE, ASTHMA-LIKE SYMPTOMS. SKIN-BONDING OF SKIN SURFACES, BURNS.
EYES-BONDING OF EYE SURFACES, BURNS. INGESTION-BONDING OF MOUTH &
LIPS.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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First Aid Measures
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First Aid: MOUTH/LIPS/SKIN-IMMERSE BONDED SURFACE IN WARM, SOAPY WATER. PEEL OR ROLL SURFACES APART; THEN REMOVE ADHESIVE FROM SKIN. EYES-WASH WITH WARM WATER & APPLY GAUZE PATCH. EYE WILL OPEN IN 1-4 DAYS. DO NOT OPEN THROUGH MANIPULATION. INHALATION-REMOVE TO FRESH AIR. CALL A PHYSICIAN IF SYMPTOMS PERSIST. INGESTED-DO NOT FORCE REMOVAL. DO NOT SWALLOW ADHESIVE WHEN IT LOOSENS. SHOULD LIFT IN 12-48 HOURS.

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Fire Fighting Measures
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Flash Point Method: TCC
Flash Point: 150F, 66C
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard: NONE KNOWN.

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Accidental Release Measures
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Spill Release Procedures: FLOOD WITH WATER TO POLYMERIZE CYANOACRYLATE ADHESIVE AND TO CONTROL PRODUCT VAPORS. SOAK UP WITH INERT ABSORBENT OR SCRAPE UP CURED PRODUCT.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions: STORE AT OR BELOW 75F TO MAXIMIZE SHELF LIFE. AVOID CONTACT WITH SKIN & EYES. AVOID BREATHING VAPORS.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.
Ventilation: POSITIVE DOWN-DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV(S).
Protective Gloves: POLYETHYLENE. DO NOT USE COTTON.
Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.
Other Protective Equipment: POLYETHYLENE APRON RECOMMENDED

NDED.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

KEY1=F8. ADHESIVE OF 2 PART ADHESIVE KIT. SEE PNI B FOR CATALYST FOR ADHESIVE. MFR/WRITER OF MSDS ACTUALLY BUYS 3 DIFFERENT PRODUCTS FOR THE ADHESIVE- SUPER BONDER 496 BY LOCTITE; SICOMET 7000 BY HENK LE ADHESIVES; METHYL CYANOACRYLATE ADHESIVE BY CHEMENCE INC.

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Physical/Chemical Properties
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HCC:V4

Boiling Pt:B.P. Text:>150F,>66C

Vapor Pres:1

Spec Gravity:1.09

Evaporation Rate & Reference:NOT DETERMINED

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR LIQUID; PUNGENT ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

WATER, ALCOHOLS, AMINES, ALKALIES, PEROXIDES, COTTON, WOOL.

Stability Condition to Avoid:HIGH TEMPERATURES (>=150F).

Hazardous Decomposition Products:NONE KNOWN.

Condition

s to Avoid Polymerization:WILL NOT OCCUR.

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

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