

MEASUREMENTS GROUP INC -- M-BOND 200 CATALYST C -- 8040-01-027-1893

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Product Identification
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Product ID:M-BOND 200 CATALYST C
MSDS Date:07/28/1995
FSC:8040
NIIN:01-027-1893
Kit Part:Y
MSDS Number: CBTCW
=== 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
Pr
eparer'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:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 98%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:N-PHENYLDIETHANOLAMINE
CAS:120-07-0

RTECS #:KM2100000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 5840 MG/KG

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

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

Health Hazards Acute and Chronic:INHALATION OF VAPORS/MISTS MAY CAUSE NOSE & THROAT, UPPER RESPIRATORY SYSTEM IRRITATION, CNS EFFECTS. CONTACT MAY CAUSE SKIN & EYE IRRITATION. INGESTION MAY CAUSE GI

TRACT IRRITATION. CHRONIC: PROLONG ED OR REPEATED EXPOSURE MAY CAUSE DERMATITIS.

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

Effects of Overexposure:INGESTED-HEADACHE, NAUSEA, VOMITING, DIZZINESS, GASTROINTESTINAL IRRITATION, INHALED-IRRITATION OF NOSE & THROAT, UPPER RESPIRATORY SYSTEM; NAUSEA, VOMITING, DIZZINESS, UNCONSCIOUSNESS. EYES-IRRITATION. SKIN-IRRITATION, DERMATITIS

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-CALL A PHYSICIAN. IF CONSCIOUS, GIVE LOTS OF WATER. INDUCE VOMITING.

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

Flash Point Method:CC

Flash Point:53.0F,11.7C

Lower Limits:2.0

Upper Limits:12.0

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:CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO HIGH HEAT.

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

Spill Release Procedures:WEAR SUITABLE PERSONAL PROTECT

IVE EQUIPMENT

(PPE). ELIMINATE ALL SOURCES OF IGNITION. STOP LEAK IF SAFE TO DO SO. USE WATER SPRAY TO REDUCE VAPORS. TAKE UP W/SAND OR OTHER NON-COMBUSTIBLE ABSORBENT AND PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED FLAMMABLE LIQUID STORAGE AREA AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions:BOND & GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

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

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:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:BUTYL RUBBER.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE APRON IS RECOMMENDED. DAL-HMIS: EYE WASH STATION & SAFETY SHOWER.

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

Supplemental Safety and Health

KEY1=F3. CATALYST FOR A 2 PART ADHESIVE. SEE PNI A FOR ADHESIVE MSDS.

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

HCC:F2

Boiling Pt:B.P. Text:181F,83C

Melt/Freeze Pt:M.P/F.P Text:-128F,-89C

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.78

Evaporation Rate & Reference:2.83 (N-BUTYL ACETATE=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:BLUE LIQUID; ALCOHOL ODOR.

Percent Volatiles by Volume:98

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, NITRIC ACID, SULFURIC ACID, HA

LOGENS, ACTIVE HALOGEN COMPOUNDS.

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

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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