

MEASUREMENTS GROUP INC -- M-BOND CURING AGENT 10 -- 8040-00-138-8485

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Product Identification  
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Product ID:M-BOND CURING AGENT 10  
MSDS Date:11/29/1989  
FSC:8040  
NIIN:00-138-8485  
MSDS Number: BBFTH  
=== Responsible Party ===  
Company Name:MEASUREMENTS GROUP INC  
Box:27777  
City:RALEIGH  
State:NC  
ZIP:27611  
Country:US  
Info Phone Num:919-365-3800  
Emergency Phone Num:919-365-3800  
CAGE:88952  
=== Cont  
ractor 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:TRIETHYLENETETRAMINE  
CAS:112-24-3  
RTECS #:YE6650000  
Fraction by Wt: 70%

Ingred Name:N, N. BIS (2-AMINOETHLY) PIPERAZINE  
CAS:6531-38-0  
Fraction by Wt: 13%

Ingred Name:PIPERARZINYL-ETHYLENEDIAMINE  
CAS:24028-46-4  
Fraction by Wt: 12%

Ingred Name:TRISAMINOE

THYLENETETRAMINE

CAS:4097-89-6

Fraction by Wt: 5%

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 2500 MG/KG

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

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

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION W/POSSIBLE PERMANENT DAMAGE, CORNEAL INJURY. INGESTION: GI IRRITATION, ULCERATION, BURNS OF MOUTH & THROAT. INHALATION: RESPIRATORY TRACT IRRITATION/SENSI

TIZATION. SKIN: ALLERGIC REACTIONS, SEVERE BURNS, HARMFUL ABSORPTION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: PAIN, VISION IMPAIRMENT, BLINDNESS.

Medical Cond Aggravated by Exposure:SENSITIVITY

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

First Aid:EYES: FLUSH W/WATER FOR 30 MINUTES. SKIN: FLUSH W/WATER FOR 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. INGEST: DON'T INDUCE VOMITING. GIVE PLENTY OF MILK/WATER. INHALE: MOVE TO FRESH

AIR. NOTE TO PHYSICIAN: MAY CAUSE TISSURE DESTRUCTION LEADING TO STRICTURE. IF LAVAGE IS PERFORMED, ENDOTRACHEAL/ESOPHAGOSCOPIC CONTROL. IF BURN IS PRESENT, TREAT AS THERMAL BURN, AFTER DECONTAMINATION. SEE SUPP

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

Flash Point Method:PMCC

Flash Point:245F

Lower Limits:1.1%

Upper Limits:>6.4%

Extinguishing Media:WATER FOG, CO2, DRY CHEMICAL, ALCOHOL FOAM

Fire Fighting Procedures:USE POSITIVE PRESSURE, SELF CONTAINED

BREATHING APPARATUS

Unusual Fire/Explosion Hazard:HEAT & OXYGEN

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

Spill Release Procedures:LARGE: DIKE UP & PUMP INTO APPROPRIATE CONTAINERS. SMALL: DILUTE W/WATER & RECOVER OR USE NONCOMBUSTIBLE ABSORBANT MATERIAL/SAND & SHOVEL INTO SUITABLE CONTAINERS.

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

Handling and Storage Precautions:GROUND ALL TRANSFER EQUIPMENT. HOLD BULK STORAGE U

NDER NITROGEN BLANKET. COPPER/ALLOYS OF COPPER SHOULD NOT BE USED AS THEY ARE QUICKLY CORRODED.

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

Respiratory Protection:USE AN APPROVED FULL-FACE AIR-PURIFYING RESPIRATOR

Ventilation:LOCAL EXHAUST: NECESSARY

Protective Gloves:REQUIED

Eye Protection:CHEMICAL GOGGLES/FACE SHIELD

Other Protective Equipment:EYEWASH STATION, SAFETY SHOWER, BOOTS, APRON, FULL BODY SUIT

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE

REUSE. CONTAMINATED LEATHER ITEMS, SHOULD BE REMOVED & DESTROYED.

Supplemental Safety and Health

NOTE CON'D: NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGEMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT. EXCESSIVE EXPOSURE MAY AGGRAVATE PRE-EXISTING ASTHMA.

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

Boiling Pt:B.P. Text:>482F

Vapor Pres:561F (AUTOIGNITION)

Hazardous Decomposition Products:NITROGEN OXIDES

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

Waste Disposal Methods:LARGE QUANTITIES COULD BE RECOVERED. OTHERWISE, INCINERATE IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS. DON'T DUMP INTO SEWERS, ON GROUND OR INTO ANY BODY OF WATER.

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