

ABLESTIK LABS SUB OF NATIONAL STARCH AND CHEMICAL -- ABLEBOND 16-1 PART B --
8040-00-728-2887

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Product Identification
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Product ID:ABLEBOND 16-1 PART B

MSDS Date:11/13/1989

FSC:8040

NIIN:00-728-2887

Kit Part:Y

MSDS Number: BVZHF

=== Responsible Party ===

Company Name:ABLESTIK LABS SUB OF NATIONAL STARCH AND CHEMICAL

Address:20021 SUSANA ROAD

City:RANCHO DOMINGUEZ

State:CA

ZIP:90221

Count

ry:US

Info Phone Num:213-764-4600

Emergency Phone Num:213-764-4600

Preparer's Name:ROSEL

CAGE:21109

=== Contractor Identification ===

Company Name:ABLESTIK LABS SUB OF NATIONAL STARCH AND CHEMICAL

Address:20021 SUSANA RD

Box:City:COMPTON

State:CA

ZIP:90221

Country:US

Phone:310-764-4600

CAGE:21109

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Composition/Information on Ingredients
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Ingred Name:DIETHYLENE TRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1

PPM
ACGIH TLV:S, 1 PPM; 9394

Ingred Name:ETHYLENE GLYCOL (SARA III)
CAS:107-21-1
RTECS #:KW2975000
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:C 50 PPM,VAPOR; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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===== 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:INHALATION-VAPORS IRRITATING & MAY
CAUSE CHEST DISCONFORT AND
BRONCHITIS SYMPTOMS. SKIN-CORROSIVE.
EYES-CORROSIVE. INGESTION-UNKNOWN FOR THE MIXTURE, HOWEVER, SLIGHT
POTENTIAL FOR ORAL TOXICITY IS EXP ECTED.
Explanation of Carcinogenicity:PRODUCT IS NOT CONSIDERED TO BE
CARCINOGENIC BY NTP, ACGIH, IARC AND OSHA.
Effects of Overexposure:SKIN-CAN CAUSE CHEMICAL BURNS, SKIN IRRITATION
AND SENSITIZATION. EYES-CAN CAUSE SEVERE CHEMICAL BURNS.
Medical Cond Aggravated by Exposure:INFORMATION IS NOT AVAILABLE

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===== First Aid Me
asures =====

First Aid:EYE-FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL
ATTENTION. SKIN-WASH IMMEDIATELY WITH SOAP & WATER. IF IRRITATION
PERSISTS, SEEK MEDICAL ATTENTION IMMEDIATELY. INHALED-REMOVE TO
FRESH AIR I MMEDIATELY. SEEK MEDICAL ATTENTION IF BREATHING IS
DIFFICULT. INGESTION-SEEK MEDICAL ATTENTION IMMEDIATELY & SHOW
INSERT CARD.

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

Flash Point:200F,93C
Extinguishing Med

ia:CARBON DIXOIDE, FOAM AND DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:DENSE SMOKE AND TOXIC GASSES MAY BE LIBERATED.

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

Spill Release Procedures:WIPE UP WITH SOLVENT SATURATED MATERIAL AND COLLECT IN AN APPROPRIATE CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL/DRY PLACE AT ALL TIMES.

Other Precautions:AVOID CONTACT WITH SKIN, EYES AND CLOTHING. GOOD HOUSEKEEPING IS REQUIRED. AVOID INHALATION OF VAPORS.

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

Respiratory Protection:USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IF NEEDED.

Ventilation:USE ADEQUATE VENTILATION. LOCAL EXHAUST IS RECOMMENDED WHEN APPROPRIATE TO CONTROL EMPLOYEE'S EXPOSURE.

Protective Gloves:RUBBER.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE EQUIPMENT TO COVER EXPOSED AREAS.

Work Hygienic Practices:VENT CURIBG OVEN TO OUTDOORS.

Supplemental Safety and Health
NONE.

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

HCC:V5

Boiling Pt:B.P. Text:350F,177C

Spec Gravity:0.97

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID, AMMONICAL ODOR.

===== Stability and Reactivity Da

ta =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS AND STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid: HEATING PRODUCT CONTAINING MISTURE OF PART A & PART B PRIOR TO CURE.

Hazardous Decomposition Products: CARBON MONOXIDE, ALDEHYDES, ACIDS, OXIDES OF NITROGEN AND UNDETERMINED ORGANICS.

Conditions to Avoid Polymerization: EXCESSIVE HEAT. VIOLENT CHEMICAL REACTION MAY OCCUR IF LARGE VOLUMES OF ADHESIVE ARE CURED.

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Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN APPROVED CHEMICAL DISPOSAL AREA OR IN A MANNER WHICH COMPLIES WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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