

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

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

Product ID:ABLEBOND 16-1 PART A

MSDS Date:11/13/1989

FSC:8040

NIIN:00-728-2887

Kit Part:Y

MSDS Number: BVZHD

=== 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

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

Ingred Name:N-BUTYL GLYCIDYL ETHER (BGE)

CAS:2426-08-6

RTECS #:TX4200000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSH

A PEL:50 PPM  
ACGIH TLV:25 PPM; 9394

Ingred Name:EPOXY RESIN  
CAS:25068-38-6  
RTECS #:KC2100000  
Fraction by Wt: 20-40%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Fraction by Wt: 70-90%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogen  
icity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION-MAY BE HARMFUL IF INHALED.  
CAN CAUSE IRRITATION TO THE NOSE, THROAT & RESPIRATORY TRACT.  
SKIN-MILD SKIN IRRITATION. DEFATTING & DRYING OF THE SKIN.  
EYES-CONTACT WITH LIQUID MAY BE EXTREMELY IRRITATING TO THE EYES.  
INGESTION-UNKNOWN FOR THE MIXTURE, HOWEVER, MODERATE POTENTIAL FOR  
ORAL TOXICITY IS EXPECTED.  
Explanation of Carcinogenicity:PRODUCT IS NOT CONSIDERED TO BE  
CARCINOGENIC BY NTP, ACGIH,  
IARC AND OSHA.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:INFORMATION IS NOT AVAILABLE

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===== First Aid Measures =====  
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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 IMMEDIATELY. SEEK MEDICAL ATTENTION IF BREATHING IS  
DIFFICULT. INGE

STION-SEEK MEDICAL ATTENTION IMMEDIATELY & SHOW  
INSERT CARD.

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

Flash Point Method:SCC

Flash Point:164F,73C

Extinguishing Media:CARBON DIXOIDE, FOAM AND DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:HANDLE AS COMBUSTIBLE LIQUID. BGE MAY BE  
VAPORIZED AND ROXIC GAS MAY BE RELEASED UPON COMBUSTION.

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

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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 VAPOR  
S.

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

Respiratory Protection:USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IF  
NEEDED. IF THE CURED ADHESIVE IS TO BE DRY SANDED, USE NIOSH  
APPROVED MASK FOR TOXIC DUST.

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

Protective Gloves:RUBBER.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE EQUIPMENT TO COBER EXPOSED AREAS.

Work Hygie

nic Practices:VENT CURIBG OVEN TO OUTDOORS.

Supplemental Safety and Health

NONE.

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

HCC:V4

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

Vapor Density:>1

Spec Gravity:3.7

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER PASTE.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid:HEATING P

PRODUCT CONTAINING MISTURE OF PART  
A & PART B PRIOR TO CURE.

Hazardous Decomposition Products: CARBON MONOXIDE, ALDEHYDES AND ACIDS  
DURING COMBUSTION.

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

===== 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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