

ABLESTIK LABS SUB OF NATIONAL STARCH AND CHEMICAL -- ABLEBOND 877-1 --  
8040-01-049-1101

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

Product ID:ABLEBOND 877-1  
MSDS Date:08/22/1990  
FSC:8040  
NIIN:01-049-1101  
MSDS Number: BVVCD  
=== Responsible Party ===  
Company Name:ABLESTIK LABS SUB OF NATIONAL STARCH AND CHEMICAL  
Address:20021 SUSANA ROAD  
City:RANCHO DOMINGEZ  
State:CA  
ZIP:90221  
Country:US  
Info Phone Num:213  
-764-4600  
Emergency Phone Num:213-764-4600/800-424-9300(CHEMTREC)  
Preparer's Name:SHARON OPPELT  
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 =====

Ingred Name:TRIMETHYLATED SILICA  
CAS:68909-20-6  
Fraction by Wt: 5.0-10%.  
Other REC Limits:NONE RECOMMENDED

Ingred Name:METH

YLTRIMETHOXYSILANE

CAS:1185-55-3

RTECS #:VV4650000

Fraction by Wt: 1.0-5.0%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:SHORT EXPO MAY CAUSE NOSE &  
THROAT IRRIT.METHANOL PRESENT IN SUFFICIENT QUANT MAY CAUSE UNCONSC  
& CNS DAMAGE.SKIN:SINGLE SHORT TERM EXPO CAUSES NO KNOWN ADVERSE

EFFECT.SEVERAL PROLONGED EXPO MAY IRRIT.EYE:MAY BE  
IRRIT.INGEST:UNKNOWN HOWEVER SLIGHT POTENTIAL FOR TOXICITY IS  
EXPECTED.METHANOL MAY CAUSE BLINDNESS.

Explanation of Carcinogenicity:PER MSDS:PRODUCT IS NOT CONSIDERED TO BE  
CARCINOGENIC BY NTP, ACGIH, IARC, AND OSHA.

Effects of Overexposure:PROLONGED OR REPEATED CONTACT CAN CAUSE SKIN  
IRRITATION AND DROWSINESS.

Medical Cond Aggravated by Exposure:INFORMATIN IS NOT AVAILABLE.

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===== First Aid Measures =====  
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First Aid:EYE:FLUSH W/WATER FOR @ LEAST 15MINS. SEEK MED ATTN.  
SKIN:WASH IMMED W/SOAP & WATER. IF IRRIT PERSISTS SEEK MED ATTN  
IMMED. INHAL:REMOVE TO FRESH AIR IMMED. SEEK MED ATTN IF BREATHING  
IS DIFFICULT. IN GEST:SEEK MED ATTN IMMED & SHOW INSERT CARD.

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===== Fire Fighting Measures =====  
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Flash Point Method:OC  
Flash Point:250F,121C  
Lower Limits:N/AVAILABLE  
Upper Limits:N/AVAILABLE  
Extinguishing Media:CARBON DIOXIDE, FOAM, AND DR  
Y CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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===== Accidental Release Measures =====  
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Spill Release Procedures:WIPE UP W/SOLVENT SATURATED MATERIAL & COLLECT  
IN APPROPRIATE CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PERSONAL  
PROTECTIVE EQUIPMENT.

Neutralizing Agent:NONE SPECIFIED BY MFG.

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===== Handling a

nd Storage =====

Handling and Storage Precautions:STORE IN TIGHTLY SEALED CONTAINER AT ALL TIMES.

Other Precautions:AVOID CONTACT W/SKIN, EYES, CLOTHING. GOOD HOUSEKEEPING IS REQUIRED. AVOID INHALATION OF VAPORS. METHOXY FUNCTIONAL GROUPS MAY HYDROLIZE TO FORM METHANOL ON EXPOSURE TO WATER. OBSERVE LIMITS FOR METHA NOL.

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

Respiratory Protection:USE NIOSH APPROVED MASK FOR DUST IS REQUIRED IF

CURED PRODUCT IS TO BE DRY SANDED OR GROUND.

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

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE EQUIPMENT TO COVER EXPOSED AREAS.

Work Hygienic Practices:VENT CURING OVEN TO OUTDOORS. WASH HANDS AFTER HANDLING PRODUCT.

Supplemental Safety and Health

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

HC

C:N1

Spec Gravity:2.2

Solubility in Water:NIL.

Appearance and Odor:WHITE PASTE, CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS AND WATER.

Stability Condition to Avoid:MAY REACT W/WATER AND ACIDS TO FORM METHANOL.

Hazardous Decomposition Products:SILICON DIOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE IF IN

APPROVED CHEMICAL DISPOSAL AREA OR  
IN A MANNER WHICH COMPLIES W/ ALL LOCAL, STATE AND FEDERAL  
REGULATIONS.

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