

3M -- 7541 SCOTCHBOND MULTI-PURPOSE ETCHANT

=====  
MSDS Safety Information  
=====

FSC: 6520  
NIIN: 01-376-7454  
MSDS Date: 04/01/1993  
MSDS Num: BVQHD  
Product ID: 7541 SCOTCHBOND MULTI-PURPOSE ETCHANT  
MFN: 01  
Responsible Party  
Cage: 0F0U5  
Name: 3M  
Address: 3M CENTER  
City: ST PAUL MN 00000  
Info Phone Number: 613-733-1110  
Emergency Phone Number: 613-733-1110  
Published: Y

=====  
Contractor Summary  
=====

Cage: 76381  
Name: MINNESOTA MINING AND MFG CO, DBA 3M  
Address: 3M CENTER BLDG 224-5S-04  
City: SAINT PAUL MN 55144-1000  
Phone: 866-556 5712 / 612-733-1110  
Cage: 0F0U5  
Name: PACEBROOK LTD  
Address: 15 GOSDITCH ST  
City: CIRENCESTER GLOS GL7 2AG NK 00000  
Country: UK  
Phone: NONE

=====  
Item Description Information  
=====

Item Name: ADHESIVE,DENTAL,SPE

=====  
Ingredients  
=====

Cas: 7732-18-5  
RTECS #: ZC0110000  
Name: WATER  
% Wt: 80-83  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

-----  
Cas: 110-16-7  
RTECS #: OM9625000  
Name: MALEIC ACID  
% Wt: 10-12  
OSHA PEL: N/K (FP N)  
ACGIH TLV:

N/K (FP N)  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

-----  
Cas: 9002-89-5  
RTECS #: TR8100000  
Name: POLY(VINYL ALCOHOL)  
% Wt: 8.5-9.5  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: EYE:CHEM RELATED EYE BURNS (CHEM CORROSIVITY):SIGNS/SYMP  
CAN INCL CLOUDY APPEAR OF CORNEA, CHEM BURNS, PAIN, TEARING, ULCERS, IMPAIRED  
VISION/LOSS OF VISION. SKIN:SKIN BURNS (CHEM CORROSIVITY)SIGNS/SY MP CAN INCL  
REDNESS, SWELLING ITCHING, PAIN, BLISTERING, ULCERATION, SLOUGHING, &  
SCAR FORMATION. (EFTS OF OVEREXP)  
Explanation Of Carcinogenicity: NOT RELEVANT.  
Signs And Symptions Of Overexposure: HLTH HAZ:INHAL:IRRIT (UPPER  
RESP):SIGNS/SYMP CAN INCL SORENESS OF  
NOSE & THROAT, COUGHING &  
SNEEZING. INGEST:DMG TO GI TISS:SIGNS/SYMP CAN INCL PAIN, VOMIT, NAUS, ABDOM  
TENDERNESS, BURNS OF MOUTH, DFC LTY SWALLOWING, BLOOD IN VOMITUS, BLOODIN  
FECES, & ULCERATION. ESOPHAGEAL BURNS:SIGNS/SYMP CAN INCL PAIN IN  
(SUPDAT)  
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
First Aid: EYE:IMMED FLUSH W/LG AMTS OF WATER FOR AT LEAST 15 MINS. GET IMMED  
MED ATTN. SKIN:IMMED FLUSH W/LG AMTS OF WATER FOR AT LEAST 15 MINS IN CHEM  
S  
FTY SHOWER WHILE REMOVING CONTAMD CLTHG & SHOES. GET IMME D MED ATTN.  
WASH CONTAMD CLTHG BEFORE REUSE. INHAL:IF SIGNS/SYMP OCCUR, REMOVE PERSON TO  
FRESH AIR. IF SIGNS/SYMP CONTINUE, CALL PHYS. INGEST:DO NOT INDUCE VOMIT.  
GIVE VICTIM 2 GLASSES OF (SUPDAT)

=====  
Handling and Disposal  
=====

Spill Release Procedures: OBSERVE PRECAUTIONS. VENTILATE AREA. COLLECT SPILLED  
MATL. PLACE IN METAL

CNTNR. PLACE IN AN APPROVED METAL CNTNR AND SEAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: FLUSH SPENT SOLN & SM QTYS, GENERALLY <5 GAL, TO WASTEWATER TREATMENT SYS. SINCE REGS VARY, CONSULT APPLIC REGS/AUTH BEFORE DISP. DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N).

Handling And Storage Precautions: AVOID EYE & SKIN CONT. DO NOT INGEST.

STORE IN A COOL PLACE. KEEP CNTNR DRY. KEEP CNTNR IN WELL-VENT AREA.

Other Precautio

ns: NONE SPECIFIED BY MANUFACTURER.

=====  
Fire and Explosion Hazard Information  
=====

Extinguishing Media: WATER, CARBON DIOXIDE, FOAM.  
=====

Control Measures  
=====

Ventilation: USE WITH ADEQUATE DILUTION VENTILATION.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD CHEM WO

RK GOGG & (SUPDAT)

Other Protective Equipment: EMERGENCY EYE BATH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: EFTS OF OVEREXP:THROAT, DFCLT SWALLOWING & BLOOD IN SPUTUM. BURNS OF ORAL TISS:SIGNS/SYMP CAN INCL PAIN, BURNS OF TONGUE & INSIDE OF MOUTH, REDNESS & TISS LOSS. FIRST AID PROC:WATER. CALL PHYS IMMED. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. EYE PROT:FACE SHIE

LD (FP N).  
=====

Physical/Chemical Properties  
=====

B.P. Text: >95F,>35C

Vapor Pres: <16 PSI

Spec Gravity: 1.07 (WATER=1)

Appearance and Odor: CLEAR GREEN LIQUID, VERY MILD ACETIC ACID ODOR  
=====

Reactivity Data  
=====

Stability Indicator: YES

Hazardous Polymerization Indicator: NO

Conditio

ons To Avoid Polymerization: NOT RELEVANT.

=====  
Toxicological Information  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

=====  
Transportation Information  
=====

Responsible Party Cage: 0F0U5  
Trans ID NO: 130609  
Product ID: 7541 SCOTCHBOND MULTI-PURPOSE ETCHANT  
MSDS Prepared Date: 04/01/1993  
Revi  
ew Date: 09/21/1994  
MFN: 1  
Multiple KIT Number: 0  
Review IND: Y

=====  
Detail DOT Information  
=====

DOT PSN Code: IPS  
Symbols: D  
DOT Proper Shipping Name: MALEIC ACID  
Hazard Class: 8  
UN ID Num: NA2215  
DOT Packaging Group: III  
Label: CORROSIVE  
Packaging Exception: 154  
Non Bulk Pack: 213  
Bulk Pack: 240  
Max Qty Pass: 25 KG  
Max Qty Cargo: 100 KG  
Vessel Stow Req: A  
=====

=====  
Detail IMO Information  
=====

IMO PSN Code: ESH  
IMO Proper Shipping Name: CORROSIVE LIQUID, N.O.S. o  
IMDG Page Number: 8147  
UN Number: 1760  
UN Hazard Class: 8  
IMO Packaging Group: I/II/III  
Subsidiary Risk Label: -  
EMS Number: 8-15  
MED First Aid Guide NUM: 760  
=====

=====  
Detail IATA Information  
=====

IATA PSN Code: HKM  
IATA UN ID Num:  
1760  
IATA Proper Shipping Name: CORROSIVE LIQUID, N.O.S. \*  
IATA UN Class: 8  
IATA Label: CORROSIVE  
UN Packing Group: I  
Packing Note Passenger: 807  
Max Quant Pass: 0.5L  
Max Quant Cargo: 2.5L  
Packaging Note Cargo: 809  
Exceptions: A3  
=====

=====  
Detail AFI Information  
=====

AFI PSN Code: PNR  
AFI Symbols: D  
AFI Proper Shipping Name: MALEIC ACID  
AFI Hazard Class: 8  
AFI UN ID NUM: NA2215  
AFI Packing Group: I  
II  
Special Provisions: P5  
Back Pack Reference: A12.4  
=====

=====  
HAZCOM Label  
=====

Product ID: 7541 SCOTCHBOND MULTI-PURPOSE ETCHANT  
Cage: 0F0U5  
Company Name: PACEBROOK LTD  
Street: 15 GOSDITCH ST  
City: CIRENCESTER GLOS GL7 2AG NK  
Zipcode: 00000  
Country: UK  
Label Required IND: Y  
Date Of Label Review: 05/02/1994  
Status Code: C  
Label Date: 05/02/1994  
Origination Code: G  
Eye Protection IND: YES  
Skin Prote

ction IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Severe

Contact Hazard: Severe

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: CORROSIVE. AVOID ALL CONTACT. ACUTE:EYE CONTACT CAN CAUSE BURNS, CLOUDY CORNEA, PAIN, TEARING, ULCERS AND IMPAIRED OR LOSS OF VISION. SKIN CONTACT CAUSES BURNS, SWELLING, ITCHING, PAIN, ULCERATION AND SCAR FORMATION. INHALATION CAUSES SORENESS OF NOSE AND THROAT, COUGHING AND SNEEZING. INGESTION DAMAGES GASTROINTESTINAL TISSUES, BURNS ESOPHAGAS AND MOUTH. CHRONIC:NONE LISTED BY MANUFACTURER.

=====  
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.