

MINNESOTA MINING & MFG CO HEALTH CARE PRODUCTS DIV -- 7423&7523 SCOTCHBOND  
ETCHING GEL & SCOTCHBO -- 6520-01-271-5676

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Product Identification  
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Product ID:7423&7523 SCOTCHBOND ETCHING GEL & SCOTCHBO

MSDS Date:06/12/1992

FSC:6520

NIIN:01-271-5676

Kit Part:Y

MSDS Number: BNNJY

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO HEALTH CARE PRODUCTS DIV

Address:3M CTR BLDG 225-

5S-01

City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-0131/612-733-1110

Emergency Phone Num:612-733-0131/612-733-1110

CAGE:28156

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO HEALTH CARE SERVICES DIV

Address:3M CTR BLDG 275-4E-01

Box:City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-854-0631

CAGE:28156

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Composition/Information on Ingredients  
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Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt:

54 - 62%

Other REC Limits:NONE SPECIFIED

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 34 - 38%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:SILICA GEL/AMORPHOUS SILICA

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 4 - 8%

Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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S Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE-EYE:REDNESS,CHEMICAL BURNS,ULCER,PAIN,TEARING,SWELLING,IMPAIRED VISION.SKIN:REDNESS,SWELLING,DRYNESS,BLISTERING,ITCHING & PAIN.INHALED:IRRITATION,COUGHING,WHEEZING,TIGHTNESS IN CHEST,CONGESTION & COUGHING UP BLOOD.ORAL:DAMAGE TO GI TISSUES,VOMITING,ABDOMINAL PAIN,BLOODY VOMITUS & FECES.CHRONIC-SEVERE IRRITATION.

Effects of Overexposure:EYE CONTACT CAN CAU

SE REDNESS, CHEMICAL BURNS,

ULCER, PAIN, TEARING, SWELLING, IMPAIRED VISION. SKIN CONTACT CAUSES REDNESS, SWELLING, DRYNESS, BLISTERING, ITCHING & PAIN. INHALATION CAUSE IRRITATION, COUGHING, WHEEZING, TIGHTNESS IN CHEST,CONGESTION & COUGHING UP BLOOD. IF INGESTED CAN CAUSE VOMITING,ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION.EYE/SKIN:FLUSH WITH WATER FOR 15 MINUTES.HOLD EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR.PROVIDE OXYGEN/CPR IF NEEDED.ORAL:DRINK TWO GLASSES OF WATER.SEEK MEDICAL ATTENTION.

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

Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREA THING APPARATUS IF NEEDED.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. COVER SPILL WITH A SLURRY OF SODA ASH. COLLECT SPILLED MATERIAL. CLEAN UP RESIDUE. PLACE IN A US DOT-APPROVED CONTAINER AND SEAL.

Neutralizing Agent:SODA-ASH

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

Handling and Storage Precautions:STORAGE-STORE AT RO

OM TEMPERATURE.

KEEP AWAY FROM STRONG BASES.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING MIST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP AWAY FROM REACH OF CHILDREN.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC VAPORS AND MISTS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

Ventilation:GOOD GENERAL VENTILATION.

Protective Gloves:RUBBER

Eye Protection:SPLASH-PROOF GOGGLES/FACE SHIELD

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:WASH HANDS BEFORE EATING OR DRINKING. DO NOT DIGEST.

Supplemental Safety and Health

THIS PRODUCT IS A KIT OR A MULTIPART WHICH CONSISTS OF MULTIPLE, INDEPENDENTLY PACKAGED COMPONENTS. THE DOCUMENT NUMBERS FOR THE PRODUCT

ARE 10-7863-3 (PIN A), 11-1273-9 (PIN B), 11-1274-7 (PIN C) AND 10-4782-8 (PIN D) SAME NSN.

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

HCC:C2

Spec Gravity:1.28

pH:1.0

Solubility in Water:INFINITE

Appearance and Odor:BLUE GEL

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

Stability Indicator/Materials to Avoid:YES

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Stability Condition to Avoid:FIRE

Hazardous Decomposition Products:NONE

===== Disposal Consider

ations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH SPENT SOLUTIONS AND SMALL QUANTITIES (LESS THAN 5 GAL./19L) TO A WASTEWATER TREATMENT SYSTEM.

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