

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

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

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 225-5

S-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

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

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

===== Hazards Identification =====

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

===== 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.

===== 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 BREATHING APPARATUS IF NEEDED.
Unusual Fire/Explosion Hazard: NONE KNOWN.

===== 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

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

Handling and Storage Precautions: STORAGE-STORE AT ROOM

M 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 CO
NFINED 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
PRODUCTS

ARE 10-7863-3 (PIN A), 11-1273-9 (PIN B), 11-1274-7 (PIN
C) AN D 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

STRONG ALKALIS

Stability Condition to Avoid:FIRE

Hazardous Decomposition Products:NONE

===== Disposal Considera

tions =====

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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