

MINNESOTA MINING AND MFG CO -- FASTBOND 10 NEUTRAL CONTACT ADHESIVE BRUSHABLE --
8040-00-843-3461

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

Product ID:FASTBOND 10 NEUTRAL CONTACT ADHESIVE BRUSHABLE

MSDS Date:04/24/1992

FSC:8040

NIIN:00-843-3461

MSDS Number: BVTZP

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CTR 224-2S-25

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

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Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:76381

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO, DBA 3M

Address:3M CENTER BLDG 224-5S-04

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

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

Ingred Name:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 20 - 30%

Other REC Limits:NONE RECOMMENDED

Ingred Na

me:ACETONE (SARA III)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 20 - 30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:CHLOROPRENE RUBBER/POLYCHLOROPRENE
CAS:9010-98-4
RTECS #:EI9460000
Fraction by Wt: 10 - 20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 10 - 20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 5
0 PPM; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 7 - 13%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MAGNESIUM RESINATE
CAS:68611-24-5
Fraction by Wt: 7 - 13%
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOLATILE ORGANIC CONTENT: 637 G/L
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS, LUNG,
LIVER, KIDNEY. ACUTE- EYES:IRRITATION, BLURRED VISION.

SKIN:PROLONGED/REPEATED CONTACT CAN CAUSE DEFATTING, IRRITATION.

MAY BE ABSORBED THROUGH SKIN. INHALE:MAY CAUSE CNS EFFECTS.

ORAL:MAY CAUSE

GI IRRITATION. ASPIRATION HAZARD. CHRONIC- MAY CAUSE
LIVER, KIDNEY, HEART, BRAIN DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL
TRACTS IRRITATION; HEADACHE, DIZZINESS, NAUSEA, WEAKNESS, FATIGUE,
TEARING, REDNESS OF EYES, BLURRED VISION, DEFATTING OF SKIN,
VOMITING, DIARRHEA, UNCONSCIOUSNESS, IRRITABILITY, DROWSINESS,
INCOORDINATION, FACIAL NUMBNESS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-E
XISTING

DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS
MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE
EXPOSURES.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH
SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS
OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.

ORAL:DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET &

GET MEDICAL

ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS DUE TO VOMITING CAN
CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. KEEP HEAD BELOW HIPS
IF VOMIT.

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

Flash Point Method:TCC

Flash Point:-14F,-26C

Lower Limits:1.0

Upper Limits:12.8

Extinguishing Media:DRY CHEMICAL, REGULAR FOAM/CARBON DIOXIDE. WATER
SHOULD BE USED TO COOL FIRE-EXPOSED CONTAINERS & DECREASE VAPORS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE

WEAR PROTECTIVE CLOTHING AND

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA
. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE MATERIALS SUCH AS VERMICULITE/NON-SPARKING TOOLS. PLACE IN CONTAINER AND SEAL. PREVENT LIQUID FROM ENTERING SEWERS/WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS.
Other Precautions:"EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS. ALL HAZARD PRECAUTIONS MUST BE OBSERVED. AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL VAPOR CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR SHOULD BE WORN. FOR EMERGENCY SITUATIONS/CONFINED SPACE USE, WE AR AN APPROVED AIR-SUPPLIED RESPIRATOR.
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:NATURAL RUBBER, NEOPRENE OR NITRILE
Eye Protection:GOGGLES/SAFETY GLASSES WITH SIDE SHIELD
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDER CONTAMINATED CLOTHING BEFORE WEARING.

Supplemental Safety and Health
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:F2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:132F,56C
Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN
Decomp Temp:Decomp Text:NOT KNOWN
Vapor Pres:180 @ 68F
Vapor Density:3.0
Spec Gravity:0.830
Evaporation Rate & Reference:>2 (ETHER=1)
Solubility in Water:VERY SLIGHT
Appearance and Odor:YELLOW LIQUID - SOLVENT ODOR
Percent Volatiles by Volume:77

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES,
STATIC ELECTRICITY
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
HYDROGEN CHLORIDE, SMOKE

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

Waste Disposal Methods:INCINERATE ABSORBED AND BULK PRODUCT AFTER
MIXING WITH FLAMMABLE
MATERIAL IN A LICENSED HAZARDOUS WASTE
FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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