

MINNESOTA MINING AND MFG CO -- FASTBOND (TM) 10 NEUTRAL CONTACT ADHESIVE  
BRUSHABLE -- 8040-00-273-8717

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

Product ID:FASTBOND (TM) 10 NEUTRAL CONTACT ADHESIVE BRUSHABLE

MSDS Date:09/15/1999

FSC:8040

NIIN:00-273-8717

Status Code:A

MSDS Number: CLJMW

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CENTER

City:SAINT PAUL

State:MN

ZIP:55

144-1000

Country:US

Info Phone Num:800-364-3557 / 651-737-6501(24 HR)

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

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:PETROLEUM DISTILLATE

C

AS:64742-88-7

Minimum % Wt:20.

Maximum % Wt:30.

Ingred Name:ACETONE

CAS:67-64-1

RTECS #:AL3150000

Minimum % Wt:20.

Maximum % Wt:30.

OSHA PEL:2400 MG/M3;1000 PPM

ACGIH TLV:1780 MG/M3;750 PPM

ACGIH STEL:2380 MG/M3;1000 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:POLYCHLOROPRENE

CAS:9010-98-4

RTECS #:EI9640000

Minimum % Wt:10.

Maximum % Wt:20.

pt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:N-HEXANE  
CAS:110-54-3  
RTECS #:MN9275000  
Minumum % Wt:7.  
Maxumum % Wt:13.  
OSHA PEL:1800 MG/M3;500 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:MAGNESIUM RESINATE  
CAS:68611-24-5  
Minumum % Wt:7.  
Maxumum % Wt:13.

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

Effects of Overexposure:EYE CONTACT: SIGNS/SYMPTOMS CAN INCLUDE REDNESS, SWELLING, PAIN, TEARING, AND HAZY VISION. MILD SKIN CONTACT: (AFTER PROLONGED OR REPEATED CONTACT) SIGNS/SYMPTOMS CAN INCLUDE REDNESS, SWELLING, AND ITCHING. INHALATION: CENTRAL NERVOUS SYSTEM DEPRESSION. INHALATION: IRRITATION (UPPER RESPIRATORY) SIGNS/SYMPTOMS CAN INCLUDE SORENESS OF THE NOSE AND THROAT, COUGHING AND SNEEZING. IF SWALLOWED: IRRITATION OF GASTROINTESTINAL TISSUES: SIGN/SYMPTOMS CAN INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, AND BLOOD IN FECES.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INHALATION: REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION. IF SWALLOWED: CALL A PHYSICIAN IMMEDIATELY, ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE ANYTHING BY M

OUTH TO AN  
UNCONSCIOUS PERSON.

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

Flash Point Method:TCC

Flash Point:=-25.4C, -14.F

Lower Limits:1.0%

Upper Limits:12.80%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING  
HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND  
BREATHING DEMAND APPARATUS, BUNKER COAT AND PANTS, BANDS AROUND  
ARMS, WAIST AND LEGS, FACE MASK, A ND PROTECTIVE CO

VERING FOR

EXPOSED AREAS OF THE HEAD.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPOSED TO HEAT FROM  
FIRE MAY BUILD PRESSURE AND EXPLODE. VAPORS MAY TRAVEL LONG  
DISTANCE ALONG THE GROUND OR FLOOR TO AN IGNITION SOURCE AND  
FLASHBACK.

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

Spill Release Procedures:REFER TO OTHER SECTIONS OF THIS MSDS FOR  
INFORMATION REGARDING PHYSICAL AND HEALTH  
HAZARDS, RESPIRATORY PROTECTION, VENTILATION, AND PERSONAL PROT  
ECTIVE

EQUIPMENT.

VENTILATE AREA. EXTINGUISH ALL IGNIT ION SOURCES. COVER WITH ABSORBENT  
MATERIAL.

COLLECT USING NON-SPARKING TOOLS. PLACE IN A U.S .DOT APPROVED  
CONTAINER.

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

Handling and Storage Precautions:STORE IN A COOL PLACE. KEEP CONTAINER  
CLOSED WHEN NOT IN USE.

Other Precautions:VAPORS MAY IGNITE EXPLOSIVELY. MAY CAUSE FLASH FIRE.

PREVENT BUILD-UP OF VAPORS ? OPEN

ALL WINDOWS AND DOORS. MAINTAIN VAPOR

CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS. USE ONLY CROSS-VENTILATION. WITHOUT ADEQUATE VENTILATION, VAPORS MAY SETTLE IN LOW-LYING AREAS. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

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

Respiratory Protection: AVOID PROLONGED BREATHING OF VAPOR. SELECT ONE OF THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATIONS OF CONTAINMENTS AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF-MASK ORGANIC VAPOR RESPIRATOR.

Ventilation: USE IN A WELL-VENTILATED AREA. PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EMISSIONS BELOW RECOMMENDED EXPOSURE LEVELS.

Protective Gloves: POLYETHYLENE/ETHYLENE VINYL ALCOHOL, POLYTETRAFLUOROETHYLENE (TEFLON)

Eye Protection: AVOID EYE CONTACT. WEAR VENTED GOGGLES. WEAR SAFETY GLASSES WITH SIDE SHIELDS.

Supplemental Safety and Health

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

Melt/Freeze Pt: =55.6C, 132.F

Vapor Pres: 180 M

MHG AT 68F

Vapor Density: 3.0(AIR=1)

Spec Gravity: 0.83

Viscosity: CA. 965 CENTISTOKES

Evaporation Rate & Reference: >2.00 ETHER = 1

Solubility in Water: VERY SLIGHT

Appearance and Odor: YELLOW, SOLVENT ODOR

Percent Volatiles by Volume: 77

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

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

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE, HYDROGEN CHLORIDE, ALDEHYDES, KETONES, HYDROCARBONS.

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

Waste Disposal Methods:INCINERATE IN AN INDUSTRIAL OR COMMERCIAL FACILITY IN THE PRESENCE OF A COMBUSTIBLE MATERIAL. DISPOSE OF WASTE PRODUCT IN A FACILITY PERMITTED TO ACCEPT CHEMICAL WASTE.

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

Federal Regulatory Information:VOLATILE ORGANIC COMPOUNDS: 422 GMS/LITER CALCULATED PER SCAQMD 443.1 VOLATILE ORGANIC COMPOUNDS 50.8% BY WT. VOC LESS  
H2O & EXEMPT: 584 GMS/LITER CALCULATED PER SCAQMD RULE 443.1 HAZARDOUS AIR POLLUTANTS: CA. % BY WT. (1.0 LB. MAPS/LBS SOLID). SINCE REGULATIONS VARY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. U.S. EPA HAZARDOUS WASTE NUMBER = D001 (IGNITABLE)

State Regulatory Information:

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.