

MINNESOTA MINING AND MFG CO -- 826 PLASTIC ADHESIVE -- 8040-01-267-3852

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

Product ID:826 PLASTIC ADHESIVE

MSDS Date:05/22/1990

FSC:8040

NIIN:01-267-3852

MSDS Number: BLDDK

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CTR

City:SAINT PAUL (FORMALLY IN DETROITT, MI)

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1341/612-7

33-1110

Emergency Phone Num:612-733-1341

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:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 50-60%

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rp

t Qty:5000 LBS

Ingred Name:PHENOLIC RESIN

CAS:9039-25-2

Fraction by Wt: 10-20%

Ingred Name:ACRYLONITRILE BUTADIENE POLYMER

CAS:9003-18-3

Fraction by Wt: 10-20%

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 1-10%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 1-10%

OSHA PEL:1000 PPM

ACGIH TLV:1000 P

PM; 9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 0.1-1%

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: .01-0.1%

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixtu

re:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE: LIQUID MAY CAUSE SEVERE IRRIT UPON CONTACT. OVEREXPOS TO VAPS MAY CAUSE IRRIT. SYMP OF VAP OVEREXPOS ARE REDNESS, SMARTING, TEARING AND REDNESS. SKIN: PRLNGD/RPTD SKIN CONTACT MAY DEFAT SKIN W/RE SULTANT IRRIT & DERM. SYMP OF EXCESSIVECONTACT ARE DRYNESS & CRACKING. INHAL: INHAL OF VAP CONC (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: ABOVE PERMISSIBLE LIMITS MAY CAUSE RESP SYS IRRIT AND TEMP NERVOUS SYS IMPAIRMENT. SYMP OF OVEREXP INCLUDE DIZZ, LIGHT HEADEDNESS, HDCH & NAUS. INGEST: INGEST MAY CAUSE DIGESTIVE SYS IRRIT, NAUSEA, & VOMIT. DO NOT INDUCE VOMIT WHICH COULD RSLT IN ASPIR INTO LUNGS W/RESULTANT BRONCHIOPNEUMONIA & LUNG DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====

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

First Aid:EYE: FLUSH EYES IMMED W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. INHAL: PROVIDE FRESH AIR IMMED IF BREATHING IS DIFFICULT PROVIDE O\*2 AND CALL A PHYSI CIAN. INGEST: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A PHYSICIAN OR POISON CONTROL CENTER.

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

Flash Point Method:SCC

Flash Point:35.0F,1.7C

Lower Limits:2.2%

Upper Limits:19%

Extinguishing Media:CO2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH NIOSH/ MSHA APPROVED SCBA & FULL PROT EQUIP . WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.

Unusual Fire/Explosion Hazard:OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO PRESSURE BUILDUP.

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

Spill Release Procedures:EXTING ALL IGNITION SOURCES. VENT AREA.

OBSERVE PREC FROM OTHER SECTIONS. CONTAIN SPILL. COVER W/ABSORB MATERIALS AS NEEDED. COLLECT SPILLED MATL USING NON-SPARKING TOOLS. PLACE IN A U.S. DEPARTMENT O F TRANSPORTATION-APPRVD METAL CONTR, & SEAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, FLAME AND OTHER SOURCES OF IGNITION. VAPS/SPRAY RELS BY PROD CAN BE IGNITED EASILY. AVOID PRLNGD BRTHG OF VAPS.

Other Precautions:USE ONLY W/SUFFICIENT VENT TO MAINTAIN VAP/SPRAY CONC BELOW RECOM EXPOS LIMITS. KEEP CONTR CLSD WHEN NOT IN USE. AVOID CONTACT W/EYES & SKIN. WEAR EYE & SKIN PROT EQUIP WHEN HNDLG PROD, I.E. (SEE SUPP DATA)

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:USE ONLY WITH SUFFICIENT VENT TO MAINTAIN VAP/SPRAY

CONCENTRATION BELOW RECOM EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OTHER PREC: IMPERVIOUS GLOVES AND CHEMICAL SAFETY GOGGLES. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL AND PROFESSIONAL USE ONLY.

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

HCC:F2

Boiling Pt:B.P. Te

xt:171F,77C

Vapor Pres:74.1

Vapor Density:3

Spec Gravity:0.94

Evaporation Rate & Reference:3 (ETHER=1)

Solubility in Water:0.1-1.0%

Appearance and Odor:LIGHT AMBER, LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume:73(WT)

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CO, CO\*2, N AND SMOKE PARTICLES WHEN SUBJECTE

D TO EXCESSIVE HEAT OR FLAME.

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

Waste Disposal Methods:INCINERATE ABSORBED & BULK MATERIAL AFTER MIXING W/FLAM MATL IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE & FEDERAL REGULATIONS. U.S. HAZ WASTE NO: D001 (IGNITABLE).

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
t  
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.