

## **3M BRAND HIGH STRENGTH ADHESIVE 90**

### **MSDS Number**

BBPDP

### **National Stock Number**

8040-01-194-3457

### **Product Name**

3M BRAND HIGH STRENGTH ADHESIVE 90

### **Manufacturer**

MINNESOTA MINING AND MFG CO

### **Product Identification**

Product ID:3M BRAND HIGH STRENGTH ADHESIVE 90

MSDS Date:11/08/1985

FSC:8040

NIIN:01-194-3457

MSDS Number: BBPDP

### **Responsible Party**

MINNESOTA MINING AND MFG CO

3M CTR 224-2S-25

ST. PAUL , MN 55144-1000

US

Emergency Phone: 612-733-1341

Info Phone: 612-733-1341/612-733-1110

Cage: 76381

### **Contractor**

MINNESOTA MINING AND MFG CO, DBA 3M

SAINT PAUL, MN 55144-1000

US

866-556 5712 / 612-733-1110

Cage: 76381

### **Ingredients**

METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 47%

OSHA PEL500 PPM/C,1000; Z2

ACGIH TLV: 50 PPM, A2; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CYCLOHEXANE (SARA III)

CAS: 110-82-7

RTECS: GU6300000

Fraction By Weight: 2.0%

OSHA PEL300 PPM

ACGIH TLV: 300 PPM, 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PROPANE

CAS: 74-98-6

RTECS: TX2275000

OSHA PEL1000 PPM

ACGIH TLV: ASPHYXIAN; 9192

ISOBUTANE

CAS: 75-28-5

RTECS: TZ4300000

OSHA PEL1800 MG/CUM

ACGIH TLV: 1000 PPM

TERPENE RESIN

SYNTHETIC RESIN

SYNTHETIC RUBBER

ANTIOXIDANT

UV ABSORBER

## Hazards

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

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

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: DEFATTING & IRRITATION. INHALATION: RESPIRATORY SYSTEM IRRITATION, DIZZINESS, HEADACHE, NAUSEA, LUNG, LIVER, & HEART DAMAGE, NUMBNESS, HEART DAMAGE, UNCONSCIOUSNESS & DEATH.

Explanation of Carcinogenicity:METHYLENE CHLORIDE IS CONSIDERED TO BE AN A2 CARCINOGEN BY ACGIH.

Effects of Overexposure:INHALATION: RESPIRATORY SYSTEM IRRITATION, DIZZINESS, HEADACHE, NAUSEA, LUNG, LIVER & HEART DAMAGE, NUMBNESS, HEART DAMAGE, UNCONSCIOUSNESS & DEATH. SKIN: DEFATTING & IRRITATION. EYES: IRRITATION.

## First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH W/SOAP & WATER. INHALATION: PROVIDE FRESH AIR. INGESTION: CALL PHYSICIAN.

## Fire Fighting

Flash Point Method:CC

Flash Point:-50F

Fire Fighting Procedures:FIREFIGHTERS SHOULD BE EQUIPPED W/SCBA WHEN

FIGHTING FIRES.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY EXPLODE WHEN HEATED.

## Accidental Release

Spill Release Procedures:IF CONTAINERS HAVE RUPTURED, COVER W/ABSORBENT MATERIAL, PLACE IN METAL CONTAINER AND SEAL.

## Handling

Handling and Storage Precautions:AVOID PROLONGED BREATHING OF VAPORS/OVERSPRAY (AIRBORNE PARTICLES) DURING APPLICATION. AVOID CONTACT WITH EYES AND SKIN.

Other Precautions:AVOID VAPOR CONTACT WITH OPEN FLAMES WELDING ARCS OR OTHER HIGH TEMPERATURE SOURCES WHICH MIGHT CAUSE VAPOR DECOMPOSITION TO PRODUCE HARMFUL GASES.

## Exposure Controls

Respiratory Protection:USE ONLY IN AREAS ADEQUATELY VENT/REMOVE VAPORS/PREV. VAPOR BUILDUP.

Ventilation:LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV/LEL

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Supplemental Safety and Health

## Chemical Properties

HCC:V3

Vapor Pres:COMP. GAS

Vapor Density:2.93

Evaporation Rate & Reference:(ETHER = 1): 1.8

Solubility in Water:NIL

Appearance and Odor:CLEAR-WHITE LIQUID.

Percent Volatiles by Volume:89%

## Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HEAT, FLAME

Hazardous Decomposition Products:CO, CO<sub>2</sub>, HYDROGEN CHLORIDE, POSSIBLE TRACE AMOUNTS OF CHLORINE & PHOSGENE

## Disposal

Waste Disposal Methods:EMPTY CONTAINER MAY BE DISPOSED IN A SANITARY LANDFILL IN ACCORDANCE W/LOCAL REGULATIONS. DON'T PUNCTURE CAN OR INCINERATE IN HOUSEHOLD INCINERATORY. EMPTY CANS, RUPTURED CANS/ABSORBENT SHOULD BE INCINERATED PROPERLY IN A PERMITTED HAZARDOUS WASTE.

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