

MINNESOTA MINING & MFG CO ADHESIVES & SEALERS DIV. -- 2141 RUBBER AND GASKET ADHESIVE -- 8040-00-065-6578

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

Product ID:2141 RUBBER AND GASKET ADHESIVE

MSDS Date:12/01/1988

FSC:8040

NIIN:00-065-6578

Kit Part:Y

MSDS Number: BKLHN

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO ADHESIVES & SEALERS DIV.

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:551

44-1000

Country:US

Info Phone Num:612-733-5454

Emergency Phone Num:612-733-5454

CAGE:76381

=== Contractor Identification ===

Company Name:3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-364-3577/651-737-6501(24 HOURS)

CAGE:04963

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:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 30-40%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:NAPHTHA, MEDIUM ALIPHATIC  
CAS:64742-88-7  
Fraction by Wt: 10-20%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 10-20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:MAGNESIUM RESINATE  
CAS:68611-24-5  
Fraction by Wt: 10-20%  
Other REC Limits:NONE SPECIFIED

Ingred Name:POLYCHLOROPRENE  
CAS:9010-98-4  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:PENTAERYTHRITOL ESTER OF ROSIN  
CAS:8050-26-8  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalat

ion:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE-SKIN:IRRITATION, DEFATING.

EYES:IRRITATION. INHALATION:TEMPORARY NERVOUS SYSTEM DAMAGE,  
NAUSEA, HEADACHE, HEART,LIVER, AND BLOOD DAMAGE.

INGESTION:IRRITATION OF GI TRACT, VOMITING, DIARRHEA. SOL VENT  
ASPIRATION AS A RESULT OF VOMITINGMAY CAUSE LUNG DAMAGE.

Effects of Overexposure:EYES:IRRITATION, TEARING, REDNESS, BLURRED  
VISION. SKIN:IRRITATION, DEFATT  
ING, DERMATITIS.

INHALATION:IRRITATION, DROWSINESS.INGESTION:VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN,  
LUNG, LIVER OR KIDNEY DISEASE MAY BE AT INCREASED.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.  
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND  
WATER. INHALATION:REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING  
,GIVE OX  
YGEN/ CPR. INGESTION:DRINK WATER OR MILK IF CONSCIOUS. DO  
NOT INDUCE VOMITING. SEE DOCTOR IMMEDIATELY. NOTHING BY MOUTH IF  
UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:-14F,-26C

Lower Limits:1.0

Upper Limits:12.8

Extinguishing Media:CO2, FOAM, DRY CHEMICALS

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED  
BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. OVERHEATED, CLOSE  
D

CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO PRESSURE BUILDUP.

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

Spill Release Procedures:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.WEAR  
PROTECTIVE CLOTHING & EQUIPMENT.EVACUATE PERSONNEL.ELIMINATE  
IGNITION SOURCES.VENTILATE AREA.USE NON-SPARKING TOOLS.STOP  
LEAK.ABSORB IN INERT ABSORBENT & PLACE INTO APPROPRIATE DISPOSAL  
CONTAINER & SEAL.

Neutralizing Agent:NONE

=====  
Handling and Stora  
=====

ge =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:BOND AND GROUND CONTAINERS. NO SMOKING IN AREA.

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

Respiratory Protection:NIOSH/MSHA RESPIRATOR WITH CARTRIDGE APPROPRIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.

Ventilation:SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:PVA, NITRILE.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONG SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN. DO NOT BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health  
NONE.

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

HCC:F2

Boiling Pt:B.P. Text:132F,56C

Vapor Pres:180

Vapor Density:3.0

Spec Gravity:0.86

Evaporation Rate & Reference:>2.5

Solubility in Water:SLIGHT

Appearance and Odor:TAN, MEDIUM SYRUP, SWEET PETROLEUM ODOR

Percent Volatiles by Volume:69

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES

Hazardous Decomposition

Products:CARBON MONOXIDE,CARBON  
DIOXIDE,INCOMPLETELY BURNED CARBON PRODUCTS,CHLORINATED  
DECOMPOSITION PRODUCTS.

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

Waste Disposal Methods:KEEP IN COVERED DRUMS PENDING DISPOSAL. CONTACT  
YOUR LOCAL ENVIRONMENTAL OFFICER FOR DISPOSAL. DISPOSE OF IN  
ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL  
ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This inf

ormation 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.