

MINNESOTA MINING & MFG CO ADHESIVES & SEALERS DIV. -- 2141 RUBBER AND GASKET  
ADHESIVE -- 8040-01-068-2423

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

Product ID:2141 RUBBER AND GASKET ADHESIVE

MSDS Date:12/01/1988

FSC:8040

NIIN:01-068-2423

MSDS Number: BGWZH

=== Responsible Party ===

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

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55144-1000

Cou

ntry: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

Company Name:M

MINNESOTA MINING AND MFG CO TRAFFIC CONTROL MATERIALS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-0001

Country:US

Phone:800-553-1380

CAGE:94960

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 30-40%

Other REC Limits:150 PPM (STEL)

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:PETROLEUM DISTILLATE

CAS:64742-88-7

Fraction by Wt

: 10-20%

OSHA PEL:100PPM(STODDARD SOL)

ACGIH TLV:100PPM(STODDARD SOL)

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 10-20%

Other REC Limits:1000PPM (STEL)

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%

Ingred Name:POLYCHLOROPRENE

CAS:9010-98-4

Fraction by Wt: 1-10%

Ingred Name:PENTAERYTHRITOL ESTER OF ROSIN

CAS:8050-26-8

Fraction by Wt: 1-10%

Ingred

Name:HEXANE (N-HEXANE)  
CAS:110-54-3  
RTECS #:MN9275000  
Fraction by Wt: 1-10%  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:REPEATED OR EXTREME OVEREXPOSURE TO  
TOLUENE OR N-HEXANE VAPORS MAY CAUSE NERVOUS SYSTEM  
DAMAGE.OVEREXPOSURE TO ACETONE MAY CAUS  
E HEART,LIVER,AND BLOOD  
DAMAGE.  
Effects of Overexposure:EYES:IRRITATION,TEARING,REDNESS,BLURRED VISION.  
SKIN:IRRITATION,DEFATTING,DERMATITIS.  
INHALATION:IRRITATION,TEMPORARY NERVOUS SYSTEM  
IMPAIRMENT,DROWSINESS,LIGHTSPIRATION AS A RESULT OF VOMITING MAY CA  
USE LUNG DAMAGE.  
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF  
RESPIRATORY OR SKIN DISEASES MAY BE AT INCREASED RISK FROM  
EXPOSURE.

=====  
First Aid Measures  
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First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.  
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND  
WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE  
OXYGEN/CPR IF WATER OR MILK IF CONSCIOUS.DO NOT INDUCEVOMIT.SEE  
DOCTOR IMMEDIATELY.NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:CC  
Flash Point:-14F,-25.5C  
Lower Limits:1.0  
Upper Limits:12.8  
Extinguishi

ng Media:FOAM,DRY CHEMICAL,CARBON DIOXIDE,WATER FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO DISPERSE UNIGNITED VAPORS

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR.CAN TRAVEL A LONG DISTANCE ALONG GROUND AND FLASHBACK

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

Spill Release Procedures:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.WEAR PROTECTIVE C

LOTHING & EQUIPMENT.EVACUATE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.USE NON-SPARKING TOOLS.STOP LEAK.ABSORB IN INERT ABSORBENT & PLACE INTO APPROPRIATE DISPOSAL CONTAINER& SEAL.

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

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 PROLONGED 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,55C

Vapor Pres:180

Vapor Density:3.0

Spec Gravity:0.86

Evaporation Rate & Reference:>2.5

Solubility in Water:VERY SLIGHT

Appearance and Odor:MEDIUM SYRUP.TAN COLOR.SOLVENT ODO

R.  
Percent Volatiles by Volume:69

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:HEAT,SPARKS,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.

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