

MINNESOTA MINING AND MFG CO -- SCOTCH-GRIP (TM) 1357 HIGH PERFORMANCE CONTACT ADHESIVE -- 8040-00-844-9707

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

Product ID:SCOTCH-GRIP (TM) 1357 HIGH PERFORMANCE CONTACT ADHESIVE

MSDS Date:12/29/1992

FSC:8040

NIIN:00-844-9707

MSDS Number: BVTZQ

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CTR 224-2S-25

City:ST. PAUL

State:MN

ZIP:55144

-1000

Country:US

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

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:NAPHTHA, MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 25-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:750PPM/1000STEL;9294

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:POLY(CHLOROPRENE)

CAS:9010-98-4

RTECS #:EI9660000

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MAGNESIUM RESINATE

CAS:68611-24-5

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

AS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 7-13%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM/300STEL;9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:HEXANE (N-HEXANE)  
CAS:110-54-3  
RTECS #:MN9275000  
Fraction by Wt: 7-13%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 3-7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 P  
PM; Z-2  
ACGIH TLV:S, 50 PPM; 9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE-MODERATE EYE IRRITATION. SKIN-MILD  
SKIN IRRITATION. INHALATION-CENTRAL NERVOUS SYSTEM DEPRESSION.  
IRRITATION OF UPPER RESPIRATORY STSTEM AND PERIPHERAL NEUROPATHY.  
SWALLOWING-IRRITATION OF GASTR  
OINTESTINAL TISSUES, CENTRAL NERVOUS  
SYSTEM DEPRESSION, AND ASPIRATION PNEUMONITIS.  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effects of Overexposure:EYE-REDNESS, SWELLING, PAIN, TEARING & HAZY  
VISION. SKIN-REDNESS, SWELLING & ITCHING. INHALATION-HEADACHE,  
DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME,  
SLURRED SPEECH, GIDDINESS & UNCONSCIOUSNESS, COUGHING & SNEEZING.  
SWALLOWED-HEADACHE, DIZZINESS, DROWSINESS, MUSCULAR WEAKNESS,  
INCOORDINATION, FATIG

UE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE-FLUSH EYES WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN-FLUSH WITH LAREG AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION-REMOVE PERSON TO FRESH AI R. IF NOT BREATHING, GIVE CPR. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION. SWALLOWED-CALL A PHYSICIAN IMMEDIAT  
ELY. ONLY INDUCE VOMITING AT THE INSTRUCTIONS OF  
A PHYSICIAN.

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

Flash Point Method:TCC  
Flash Point:-14F,-26C  
Lower Limits:1.0  
Upper Limits:12.8  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNKER COAT & PANTS, ARM BANDS, ETC.  
Unusual Fire/Explosion Hazard:CLOS  
ED CONTAINEREXPOSED TO HEAT FROM FIRE  
MAY BUILD PRESSURE & EXPLODE. VAPORS MAY TRAVEL LONG DISTANCES ALONG THE GROUND TO IGNITION SOURCE & FLASH BACK.

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

Spill Release Procedures:CALL 612-733-1110 OR 612-733-6100 FOR 24 HOUR SPILL ASSISTANCE. VENTILATE AREA. EXTINGUISH ALL IGNITION SOURCES. COLLECT USING NON-SPARKING TOOLS. COVER WITH ABSORBENT MATERIALS. PLACE IN A US DOT APP ROVED CONTAINER AND SEAL.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT. KEEP CONTAINER CLOSED WHEN NOT IN USE.  
Other Precautions:VAPORS MAY IGNITE EXPLOSIVELY. MAY CAUSE FLASH FIRE. PREVENT BUILDUP OF VAPOR - OPEN ALL WINDOWS & DOORS. MAINTAIN VAPOR CANCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS. USE ONLY WITH CROSS VENTILATI ON. DO NOT SMOKE OR IGNITE MATCHES.

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

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Respiratory Protection: SELECT ONE OF THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON CONTAMINATION CONCENTRATIONS: HALF MASK ORGANIC VAPOR RESPIRATOR, HALF-MASK ORGANIC VAPOR RESPIRATOR WITH DUST/MIST PREFILTER.

Ventilation: USE WITH FUNCTIONING SPRAY BOOTH OR LOCAL EXHAUST. USE IN WELL VENTILATED AREA OR APPROPRIATE RESPIRATORY PROTECTION.

Protective Gloves: POLYETHYLENE VINYL ALCOHOL, TEFLON.

Eye Protection: VENTED GOGGLES, SAFETY GLASSES W/SHIELDS

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EXTINGUISH PILOT LIGHTS AND TURN OFF STOVES, OVENS AND OTHER GAS AND ELECTRIC APPLIANCES, ELECTRIC MOTORS, AND OTHER SOURCES OF IGNITION DURING ADHESIVE USE AND UNTIL ALL VAPORS ARE GONE. DO NOT USE ELECTRIC LIGHT SWITCHES. DO NOT GENERATE STATIC SPARKS (SUCH AS BY WALKING ON CARPET).

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

HCC:F2

Boiling

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

Vapor Pres:180 MMHG

Vapor Density:3.0

Spec Gravity:0.82

Viscosity:200-100 CPS

Evaporation Rate & Reference:2+

Solubility in Water:VERY SLIGHT

Appearance and Odor:LOW VISCOSITY LIQUID, GREY/GREEN, STRONG PETROLEUM ODOR.

Percent Volatiles by Volume:75%

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT AND IGNITION SOURCES.

Hazardous Decomposition

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

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

Waste Disposal Methods:INCINERATE IN A PERMITTED HAZARDOUS WASTE INCINERATOR IN THE PRESENCE OF A COMBUSTIBLE MATERIAL. DISPOSE OF WASTE PRODUCT IN A FACILITY PERMITTED TO ACCEPT CHEMICAL WASTE.

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