

MINNESOTA MINING AND MFG CO -- SCOTCH-GRIP 1357 HIGH PERFORMACNE CONTACT ADHESIVE -- 8040-00-273-8717

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Product Identification
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Product ID:SCOTCH-GRIP 1357 HIGH PERFORMACNE CONTACT ADHESIVE

MSDS Date:11/25/1997

FSC:8040

NIIN:00-273-8717

MSDS Number: CHWYD

=== 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:612-733-1341/612-733-1110

Emergency Phone Num:612-733-1341

CAGE:76381

=== Contractor Identification ===

Company Name:HUGHES R.S. INDUSTRIES INC

Box:UNKNOW

CAGE:0E1P7

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

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Composition/Information on Ingredients
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Ingred Name:SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 25-35%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 10-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:750PPM/1000STEL;9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:HEXANE (N-HEXANE) (CERCLA)

CAS:110-54-3

RTECS #:MN9275000

Fraction by Wt: 7-13%

EL:500 PPM
ACGIH TLV:50 PPM; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Ingred Name:CHLOROPRENE RUBBER; POLYCHLOROPRENE
CAS:9010-98-4
RTECS #:EI9460000
Fraction by Wt: 10-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 7-13%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 P
PM/300STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 3-7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OS

HA:NO

Health Hazards Acute and Chronic:EYE:IRRIT.SKIN:MILD SKIN IRRIT(AFTER PROLONGED/REPEAT CONTACT).MAY BE ABSORBED THRU SKIN & PRODUCE EFFECTS SIMILAR TO THOSE CAUSED BY INAHL &/OR INGEST.INAHL:CNS DEPRESS,IRRIT(UPPER RESP),PERIPHERAL N EUROPATHY.INGEST:IRRIT OF GI TISSUE,CNSDEPRESS,ASPIRATION PNEUMONITIS.WARN:CONTAINSCHEM WHICH CAN CAUSE BIRTH DEFECTS.

Effects of Overexposure:EYE:RED,SWELL,PAIN,TEAR,HAZY VIS.SKIN:RED,SWELL,ITCH.INHAL:CNS-HEAD,DIZZ,DROWS,INCOORD,SLOW R

X
TIME,SLUR SPEECH,GIDD,UNCONSC.IRRIT-SORE NOSE/THROAT,COUGH,SNEEZ.PER NEURO-TINGL OF EXTREM,INCOORD,NUMB,W EAK,TREMORS.INGEST:GI-PAIN,VOMIT,ABD TENDER,NAU,BLOOD IN VOMITUS/FECES.CNS-MUSC WEAK,FTG;COUGH,WHEEZE,PNEUMONIA-FATAL.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/LG AMTS OF WATER.GET IMMED MED ATTN.SKIN:FLUSH W/LG ATMS OF WATER.IRRIT PERSISTS GET M ED

ATTN.INHAL:REMOVE PERSON TO FRESH AIR.NOT BREATH GIVE ART RESP;DIFFI BREATH GET IMMED MED ATT N.INGEST:CALL PHYSICIAN IMMED.ONLY INDUCE VOMIT @INSTRUCTIONS OF PHYSICIAN.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.

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

Flash Point Method:TCC

Flash Point:-14F,-26C

Autoignition Temp:Autoignition Temp Text:ND

Lower Limits:1.0

Upper Limits:12.8

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Proced

ures:WEAR FULL PROT CLOTH INCLUDE

HELMET,SELF-CONTAIN +PRESS/PRESS DEMAND BREATH APPARATUS,BUNKER COAT,PANTS,BANDS AROUND ARMS/WAIST/LEGS,FCMASK,PROT COVER(SUPPLEME)

Unusual Fire/Explosion Hazard:CLSD CNTNR EXPO TO HEAT FROM FIRE MAY BUILD PRESSURE & EXPLODE.VAPORS MAY TRAVEL LONG DISTANCES ALONG GROUND OR FLOOR TO IGN SOURCE & FLASHBACK.

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

Spill Release Procedures:REFER TO MSDS FOR INFO ON PHYS/HEALTH HAZ/RESP

PROT/VENTI/PPE.VENTI AREA.EXTINGUISH ALL IGN SOURCES.COVER
W/ABSORPTION MATL.COLLECT USING NON-SPARK TOOLS.PLACE IN DOT APPROV
CNTNR.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DONT INGEST.STORE AWAY FROM HEAT.KEEP
CNTNR CLSD WHEN NOT IN USE.VAP IGN EXPLO.MAY CAUSE FLASH
FIRE.PREVEN VAP BUILDUP-OPN ALL WINDOWS/DOORS.

Other Precautions:USE ONLY W/CROSS-VENTI.W/O ADEQ V
ENTI VAP MAY SETTLE

IN LOW-LYING AREAS.EXT PILOT LIGHTS,TURN OFF STOVES,OVES,ETC DURING
ADHES USE & TIL ALL VAP GONE(NO ODOR).PEOPLE IN AREA FOLLOW
PRECAUTS.ATTACH COP Y OF PRECAUT TO WHERE MATL TRANSF.(SUPP)

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

Respiratory Protection:AVOID BREATH VAP/MIST/SPRAY.SELECT ONE OF
FOLLOWING NIOSH APPROV RESP BASED ON AIRBORNE CONCEN OF CONTAM &
IAW OSHA REGS:HALF-MASK ORAG VAP RESP,HALF-MASK ORG VAP RESP
W/DUST

/MIST PREFILTER.

Ventilation:USE W/FUNCTIONING SPRAY BOOTH OR LOC EXHAU.USE IN WELL
VENTI AREA.PROV SUFFI VENTI TO MAINTAIN EMISSIONS BEL(SUPPLEMENT)

Protective Gloves:POLYETHYLENE/ETHYLENE VINYL ALCOHOL(SUP)

Eye Protection:VENTED GOGG,SAF GLASSES W/SIDE SHIELDS

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIREFIGHT:FOR EXPO AREAS OF HEAD. DISPO:REGS/AUTHORITIES BEF DISPO.EPA
HAZ WASTE#:D

001-IGNIT. GLOVES:POLYTETRAFLUOROETHYLENE (TEFLON).

VENTI:RECOMMENDED EXPO LIMITS.EXHAU VENTI NOT ADEQUATE USE APPROP
RESP PROTECTION. OTHR PRECAUT:WORKAREACONDITIONS PREVENT COMPLIANCE
W/PRECAUT DONT USE PROD.KEEP OUT OF REACH CHILDREN

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

HCC:V3

Boiling Pt:=55.6C, 132.F

B.P. Text:132F,56C

Melt/Freeze Pt:M.P/F.P Text:ND

Decomp Temp:Decomp Text:NP

Vapor Pres:180

Vapor Density:3.0

Spec Gravity:0.84

VOC Pounds/Gallon:4

90

pH:ND

Viscosity:200-1000CPS

Evaporation Rate & Reference:2+, NO REF GIVEN

Solubility in Water:VERY SLIGHT

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

Percent Volatiles by Volume:74

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:KEEP AWAY FRM HEAT/SPARKS/OPN FLAME.DONT SMOKE/IGN MATCHES,LIGHTERS,ETC.

Hazardous Decomp

osition Products:CARBON MONOXIDE,CARBON

DIOXIDE,HYDROGEN CHLORIDE,ALDEHYDES,KETONES,HYDROCARBONS

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

Waste Disposal Methods:CONTAINS TOXIC CHEM SUBJ TO REPORT REQMTS SEC 313 TITLE III OF EPCRA/49CFR372.INCINERATE IN PERMITTED HAZ WASTE INCINERATOR IN PRESENCE OF COMBUST MATL.DISPO OF WASTE PROD IN FACI PERMITTED TO ACCEPT CHEM WASTE.SINCE REGS VARY CONSULT APPLIC (SUPPLE)

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