

3M GENERAL OFFICES -- 62-1357-2631-3, SCOTCH-GRIP 1357 HIGH (SUPDAT)

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MSDS Safety Information  
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FSC: 8040  
NIIN: 01-097-6800  
MSDS Date: 08/22/1996  
MSDS Num: CGHFX  
Product ID: 62-1357-2631-3, SCOTCH-GRIP 1357 HIGH (SUPDAT)  
MFN: 03  
Responsible Party  
Cage: 1BY21  
Name: 3M GENERAL OFFICES  
Address: 3M CENTER  
City: ST PA  
UL MN 55144-1000  
Info Phone Number: 612-733-1110  
Emergency Phone Number: 612-733-1110  
Published: Y

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Contractor Summary  
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Cage: 76381  
Name: MINNESOTA MINING AND MFG CO, DBA 3M  
Address: 3M CENTER BLDG 224-5S-04  
City: SAINT PAUL MN 55144-1000  
Phone: 866-556 5712 / 612-733-1110  
Cage: 1BY21  
Name: MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS DIV  
Address: 3M CTR  
City: SAINT PAUL MN  
55144-1000  
Phone: 612-737-4114

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Item Description Information  
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Item Manager: N35  
Item Name: ADHESIVE  
Unit of Issue: GL  
UI Container Qty: 1

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Ingredients  
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Cas: 64742-88-7  
Name: SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC; (PETROLEUM DISTILLATES)  
% Wt: 25-35  
OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

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Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE (SARA 313) (CERCLA). BP:132F,56C  
% Wt: 10-20  
OSHA PEL: 1000 PPM  
ACGIH TLV: 750 PPM/1000 STEL  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 9010-98-4  
RTECS #: E19460000  
Name: 1,3-BUTADIENE, 2-CHLORO-, POLYMERS; (CHLOROPRENE RUBBER)  
% Wt: 10-20  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)  
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Cas: 68611-24-5  
Name: MAGNESIUM RESINATE  
% Wt: 10-  
20  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)  
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Cas: 78-93-3  
RTECS #: EL6475000  
Name: 2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA)  
% Wt: 7-13  
OSHA PEL: 200 PPM  
ACGIH TLV: 200 PPM/300 STEL  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 110-54-3  
RTECS #: MN9275000  
Name: HEXANE (N-HEXANE) (CERCLA)  
% Wt: 7-13  
OSHA PEL: 500 PPM  
ACGIH TLV: 50 PPM  
EPA Rpt Qty: 1 LB  
DOT Rpt Qty: 1 LB  
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Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA 313) (CERCLA)

% Wt: 3-7

OSHA PEL: 200 PPM; Z-2

ACGIH TLV: S, 50 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

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Name: SUPDAT:NEUROPATHY:SIGNS/SYMPS CAN INCL TINGLING OF EXTREMITIES,  
INCOORDINATION, NUMBNESS, WEAK & TREMORS.

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Name: ING 10:INGEST:MAY CAUSE IRRIT OF GI TISS:SIGNS/SYMPS CAN INCL PAIN,  
VOMIT, ABDOM TENDERNESS, NAUS, BLOOD IN

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Name: ING 11:VOMITUS,  
& BLOOD IN FECES. WHILE FOLLOWING EFTS ARE ASSOC W/1  
OR MORE OF INDIVIDUAL INGREDIENTS IN PROD & ARE

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Name: ING 12:REQUIRED TO BE INCL ON MSDS BY U.S. OSHA HAZ COMMUNICATION STD,  
THEY ARE NOT EXPECTED EFTS DURING

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Name: ING 13:FORESEEABLE USE OF PROD. CNS DEPRESS:SIGNS/SYMPS CAN INCL HDCH,  
DIZZ, DROW, MUSCULAR WEAK, INCOORD,

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Name: ING 14:SLOWED RXN TIME, FATG, BLURRED VISION, SLURRED SPEECH, GIDD  
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TREMORS & CONVLS. ASPIR PNEUM:SIGNS/SYMPS

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Name: ING 15:CAN INCL COUGH, DFCLTY BRTHG, WHEEZING, COUGH UP BLOOD &  
PNEUM, WHICH CAN BE FATAL. WARNING:CONTAINS CHEM

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Name: ING 16:WHICH CAN CAUSE BIRTH DEFECTS. METHYL ETHYL KETONE HAS BEEN SHOWN  
TO POTENTIATE NEUROTOXIC EFTS OF N-HEXANE.

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Name: OTHER PREC:LIGHTERS, ETC. EXTING PILOT LIGHTS & TURN OFF STOVES,  
OVENS, & OTHER GAS & ELEC  
APPLIANCES(SPACE &

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Name: ING 18:WATER HEATERS, FURNACES, ETC), ELEC MOTORS, & OTHER SOURCES OF  
IGNIT DURING ADHESIVE USE & UNTIL ALL VAPS

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Name: ING 19:ARE GONE; I.E., UNTIL ODOR OF VAPS @ FLOOR LEVEL HAS DISAPPEARED.  
DO NOT USE ELEC LIGHT SWITCHES. DO NOT

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Name: ING 20:GENERATE STATIC SPKS (SUCH AS BY WALKING ON CARPET, ETC.) FOR MORE  
SPECIFIC INFORMATION CONT NEHC (FP N).

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Name: VENT:EMISSIONS BELOW REC EXPOSURE LIMITS. IF EXHAUST VENT IS NOT ADEQ,  
USE APPROP NIOSH APPRVD RESPIRATORY PROTECTION.  
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Name: PROT GLOVES:ALCOHOL, POLYTETRAFLUOROETHYLENE (TEFLON).  
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Health Hazards Data  
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Ind

s - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TOLUENE APPEARS ON NAVY LISTING OF OCCUP CHEM REPROD HAZS.  
SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST  
INFO & SAFE HNDLG & EXPOS INFO (FP N). ACUTE:EYE:MOD IRRIT:SIGNS/  
SYMPS CAN INCL REDNESS, SWELL, PAIN, TEARING, & HAZY VISION. SKIN:MILD  
IRRIT (AFTER PRLNGD/RPTD CONT): (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ:SIGNS/SYMPS CAN  
INCL REDNESS,

SWELL, & ITCHING. MAY BE ABSORBED THRU SKIN & PRDCE EFTS SIMILAR TO  
THOSE CAUSED BY INHAL AND/OR INGEST. INHAL:CNS DEPRESS:SIGNS/SYMPS CAN INCL  
HDCH, DIZZ, DROW, INCOORDINATION, SLOWED RXN TIME, SLURRED SPEECH, GIDD  
& UNCON. IRRIT (UPPER RESP):SIGNS/SYMPS CAN INCL SORENESS(SUPDAT)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYE:IMMED FLUSH W/LG AMTS OF WATER FOR @ LST 15 MINS. GET IMMED MED  
ATTN. SKIN:FLUSH W/LG AMTS OF WA  
TER. IF IRRIT PERSITS, GET MED ATTN.

INHAL:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRT HG IS DFCLT,  
GET IMMED MED ATTN. INGEST:CALL PHYS IMMED. ONLY INDUCE VOMIT @ INSTRUCTION  
OF PHYS. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.  
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Handling and Disposal  
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Spill Release Procedures: IN U.S.A., CALL (612) 733-1110/(612) 733-6100 FOR  
24-HR SPILL ASSISTANCE. VENTILA

TE AREA. EXTING ALL IGNIT SOURCES. COVER  
W/ABSORB MATL. COLLECT USING NON-SPK TOOLS. PLACE IN U.S. DOT-APPRVD CNTNR.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Methods: INCIN IN PERMITTED HAZ WASTE INCIN IN PRESENCE OF  
COMBUST MATL. DISPOSE OF WASTE PROD IN FACILITY PERMITTED TO ACCEPT CHEM  
WASTE. DISP MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N).  
Handling And Storage Precautions: STORE AWAY FROM HEAT. KEEP CNTNR CLSD WHEN  
NOT IN USE. DO NOT INGEST.  
VAPS MAY IGNITE EXPLO. MAY CAUSE FLASH FIRE.  
Other Precautions: PVNT BUILD-UP OF VAPS-OPEN WINDOWS & DOORS. MAINTAIN VAP  
CONCS BELOW REC EXPOS LIMITS. USE ONLY W/CROSS-VENT. W/OUT ADEQ VENT, VAPS  
MAY SETTLE IN LOW-LYING AREAS. KEEP AWAY FROM HEAT, SPKS, & OPEN FLA ME.  
DO NOT SMOKE/IGNITE MATCHES,

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC  
Flash Point  
Text: -14F,-26C  
Lower Limits: 1.0%  
Upper Limits: 12.8%  
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT (FP N).  
Unusual Fire/Explosion Hazard: CLSD CNTNRS EXPOS TO HEAT FROM FIRE MAY BUILD  
PRESS & EXPLODE. VAPORS MAY TRAVEL LONG DISTANCES ALONG GROUND/FLOOR TO  
IGNIT SOURCE AND FLASH BACK.

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Control Measures  
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Respiratory Protection: AVOID BRTHG OF VAPS, MIST/SPRAY. SELECT 1 OF FOLLOWING  
NIOSH APPRVD RESPS BASED ON AIRBORNE CONC OF CONTAMINANTS & I/A/W OSHA  
REGS:HALF-MASK ORG VAP RESP, HALF-MASK ORG VAP RESP W/DUST/MIST PREFILTER.  
Ventilation: USE W/FUNCTIONING SPRAY BOTH/LOC EXHAUST. USE IN WELL-VENTILATED  
AREA. PROVIDE SUFFICIENT VENT TO MAINTAIN  
Protective Gloves: POLYETHYLENE/ETHYLENE VINYL  
Eye Protection: ANSI APPRVD CHEM WORKERS GOGG (FP N).  
Other Protective Equi  
pment: ANSI APPRVD EYE WASH & DELUGE SHOWER (FP N).  
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health: MFR TRADE NAME/PART NO:PERFORMANCE CONTACT  
ADHESIVE. EFTS OF OVEREXP:OF NOSE & THROAT, COUGH & SNEEZING. WHILE  
FOLLOWING EFTS ARE ASSOC W/1 OR MORE OF INDIVIDUAL INGREDIENTS IN PROD & ARE  
REQD TO BE INCL ON MSDS BY U.S. OSHA HAZ COMMUNICATION STD, THEY ARE NOT  
EXPECTED EFTS DURING FORESEEABLE USE OF PROD:PERIPHERAL

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Physical/Chemical Properties  
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B.P. Text: SEE ING 2

Vapor Pres: 180 @ 68F

Vapor Density: 3.0

Spec Gravity: 0.84 WATER =1

VOC Grams/Liter: 587

Evaporation Rate & Reference: 2+

Solubility in Water: VERY SLIGHT

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

Percent Volatiles by Volume: 74  
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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: STRONG OXIDIZING AGENTS.

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

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.  
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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information

Other Information: VOLATILE ORGANIC CMPD:490 GMS/LITER CALCULATED PER SCAQMD RULE 443.1 VOC:4.09 LB/GAL CALCULATED PER SCAQMD RULE 443.1. VOLATILE ORGANIC COMPOUND:59.7%. VOC LESS H\*20 & EXEMPT SOLVS:587 GMS/LITER CALCULATED PER SCAQMD RULE 443.1.  
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Transportation Information  
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Responsible Party Cage: 1BY21

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ID NO: 107136  
Product ID: 62-1357-2631-3, SCOTCH-GRIP 1357 HIGH (SUPDAT)  
MSDS Prepared Date: 08/22/1996  
Review Date: 10/23/1997  
MFN: 3  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 1

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Detail DOT Information  
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DOT PSN Code: AGC  
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,  
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.1  
UN ID Num: UN1950  
Lab  
el: FLAMMABLE GAS  
Special Provision: N82  
Non Bulk Pack: NONE  
Bulk Pack: NONE  
Max Qty Pass: 75 KG  
Max Qty Cargo: 150 KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 40,48,85

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Detail IMO Information  
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IMO PSN Code: XXX  
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Detail IATA Information  
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IATA PSN Code: ALS  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE  
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
Packing Note Passenger: 203  
Max Quant Pass: 75KG  
Max Quant Cargo: 150KG  
Packaging Note Cargo: 203

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Detail AFI Information  
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AFI PSN Code: ALR  
AFI Symbols: \*  
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.  
AFI PSN Modifier: (EACH NOT EXCEED

ING 1L CAPACITY)  
AFI Hazard Class: 2.1  
AFI UN ID NUM: UN1950  
Special Provisions: P4  
Back Pack Reference: A6.3

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HAZCOM Label

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Product ID: 62-1357-2631-3, SCOTCH-GRIP 1357 HIGH (SUPDAT)  
Cage: 1BY21  
Company Name: MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS DIV  
Street: 3M CTR  
City: SAINT PAUL MN  
Zipcode: 55144-1000  
Health Emergency Phone: 612-733-1110  
Label Required IND: Y  
Date  
Of Label Review: 08/13/1997  
Status Code: C  
Label Date: 08/13/1997  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions: FLAMMABLE. ACUTE:EYE CONTACT:MODERATE IRRITATION,  
REDNESS, SWELLING, PAIN, TEARING AND HAZY VISION. SKIN CONTACT:MILD  
IRRITATION, REDNESS, SWELLING AND ITCHING. CAN BE A  
BSORBED CAUSING SYSTEMIC  
EFFECT S. INHAL:RESPIRATORY TRACT IRRITATION, SORENESS OF NOSE AND THROAT,  
SNEEZING, COUGHING AND CNS DEPRESSION INCLUDING HEADACHE, DIZZINESS,  
DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, GIDDINESS AND  
UNCONSCIOUSNESS. INGESTION:MAY CAUSE GASTROINTESTINAL IRRITATION, VOMITING,  
NAUSEA, BLOOD IN VOMIT AND FECES. ASPIRATION HAZARD. CAN INJURE LUNGS &  
MAY BE FATAL. CHRONIC:TOLUENE APPEARS ON THE NAVY O CCUP CHEMICAL  
REPRODUCTIVE HAZARDS LIST (FP N).



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