

MINNESOTA MINING AND MFG CO -- SCOTCH-GRIP 4693 PLASTIC ADHESIVE -- 8040-00-079-7158

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Product Identification  
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Product ID:SCOTCH-GRIP 4693 PLASTIC ADHESIVE

MSDS Date:04/12/1990

FSC:8040

NIIN:00-079-7158

MSDS Number: BLZDD

=== 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

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Composition/Information on Ingredients  
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Ingred Name:CYCLOHEXANE (SARA III)

CAS:110-82-7

RTECS #:GU6300000

Fraction by Wt: 50 - 60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM

ACGIH TLV:300

PPM, 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYLENE CHLORIDE (SARA III)  
CAS:75-09-2  
RTECS #:PA8050000  
Fraction by Wt: 10 - 20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:500 PPM/C,1000; Z2  
ACGIH TLV:50 PPM, A2; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:STYRENE-BUTADIENE POLYMER  
CAS:9003-55-8  
RTECS #:WL6478000  
Fraction by Wt: 1 - 10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:POLYTERPENE RESIN  
Fraction by Wt: 1 - 10%  
Other REC Limits:NONE SPECIFIED  
OSHA P  
EL:NOT ESTABLISHED.  
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:DIPENTENE/DIPENTENE POLYMER (CAS 9003-73-0)  
CAS:138-86-3  
RTECS #:OS8100000  
Fraction by Wt: 1 - 10%  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYE:MAY CAUSE  
IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE  
IRRITATION,DRYN

ESS,DEFATTING,INFECTION & DERMATITIS.INHALE:MAY CAUSE DROWSINESS,DIZZINESS,HEADACHE,LUNG,LIVER & HEART DAMAGE,CO MA & DEATH.INGEST:MAY CAUSE NAUSEA,VOMITING,GI IRRITATION.ASPIRATION CAN BE FATAL.CHRONIC-CAN CAUSE DERMATITIS.

Explanation of Carcinogenicity:METHYLENE CHLORIDE IS AN ANIMAL CARCINOGEN. HUMAN HANDLES IT DIFFERENTLY (HALOGENATED SOLVENTS INDUSTRY ALLIANCE/MSDS).

Effects of Overexposure:MAY CAUSE EYE IRRITATION. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION, DRYNESS, DEFATTING, INFECTION & DERMATITIS. INHALATION MAY CAUSE DROWSINESS, DIZZINESS, HEADACHE, LUNG, LIVER & HEART DAMAGE, COMA & DEATH. INGESTION MAY CAUSE NAUSEA, VOMITING, GI IRRITATION. ASPIRATION CAN BE FATAL. Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY OR SKIN DISEASES MAY BE AT AN INCREASED RISK FROM EXPOSURE.

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

First Aid:GET PROMPT MEDICAL ATTENTION IN ALL CASES.INHALED:RE MOVE TO FRESH AIR.PROVIDE CPR IF NEEDED.EYES:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 10 MINUTES,HOLDING EYELIDS OPEN.SKIN:WASH WELL WITH SOAP & WATER.ORAL:DO NOT INDUCE VOMITING.CALL A PHYSICIAN/POISON CONTROL CENTER.IF CONSCIOUS,DRINK TWO GLASSES OF MILK/WATER.

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

Flash Point Method:TCC  
Flash Point:0F,-18C  
Lower Limits:1.0  
Upper Limits:7.0  
Extinguishing Media:CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.  
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO INTERNAL PRESSURE BUILDUP.

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

Spill Release Procedure

res:WEAR PROTECTIVE EQUIPMENT.ELIMINATE SOURCES OF IGNITION.VENTILATE THE AREA.STOP LEAK IF POSSIBLE.CONTAIN THE SPILL.COVER WITH ABSORBENT MATERIALS AS NEEDED.COLLECT THE SPILLED MATERIAL USING NON-SPARK ING TOOLS.PLACE IN DOT APPROVED METAL CONTAINERS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL,WELL VENTILATED AREA AWAY FROM HEAT,SPARKS & OTHER SOURCES OF IGNITION.

Other Precautions:AVOID BREATHING VAPOR/MIST.AVOID CONTACT WITH EYES & SKIN.STORE IN TIGHTLY CLOSED CONTAINERS.FOR INDUSTRIAL USE ONLY.VAPORS CAN BE IGNITED EASILY.UUTILIZE PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING TH E PRODUCT.KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR/POWERED AIR-PURIFYING RESPIRATOR.FOR EMERGENCY USE SELF-CONTAINED BREATHING

APPARATUS/SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE OPERATED IN POSITIVE PRES SURE MODE.

Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT. THE USE OF MECHANICAL DILUTION VENTILATION IF MATERIAL IS HEATED/AGITATED.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.

Work Hygienic Practices:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE FOCAL POINT N WITH P/N A UNDER THE SAME NSN.

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

HCC:F2

Boiling Pt:B.P. Text:104F,40C

Vapor Pres:349 @ 68F

Vapor Density:2.90

Spec Gravity:0.90

Viscosity:125 CPS

Evaporation Rate & Reference:2.20 (ETHER = 1)

Solubility in Water:INSOLUBLE

Appearance and

Odor:LIGHT AMBER LIQUID, SOLVENT ODOR

Percent Volatiles by Volume:76

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

Stability Indicator/Materials to Avoid:YES

WATER, ALCOHOL, AMINES

Stability Condition to Avoid:HEAT, SPARKS, FLAMES, HOT SURFACES, STATIC  
ELECTRICITY AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE & DIOXIDE,  
HYDROCHLORIC ACID WITH POSSIBLE TRACE AMOUNT OF PHOSGENE AND  
CHLORINE

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

Waste Disposal Methods:INCINERATE IN A LICENSED HAZARDOUS WASTE  
FACILITY.DISPOSAL SHOULD BE IN ACCORDANCE WITH ALL LOCAL,STATE &  
FEDERAL REGULATIONS.EPA HAZARDOUS WASTE NUMBER F002 (SPENT  
HALOGENATED SOLVENT) & D001 (IGNITABLE).RUN-OFF TO SEWER MAY  
CREATE FIRE/EXPLOSION.

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