

MINNESOTA MINING & MFG CO ADHESIVES & SEALERS DIV. -- SCOTCH-GRIP(TM) 4475 PLASTIC ADHESIVE -- 8040-01-036-3487

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

Product ID:SCOTCH-GRIP(TM) 4475 PLASTIC ADHESIVE

MSDS Date:12/11/1990

FSC:8040

NIIN:01-036-3487

MSDS Number: BPCBR

=== Responsible Party ===

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

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55

144-1000

Country: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

=

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 50-60%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VINYL CHLORIDE-VINYL ACETATE POLYMER
CAS:9003-22-9
Fraction by Wt: 20-30%
Other REC Limits:NONE SPECIFIED BY M.

Ingred Name:POLYURETHANE
Fraction by Wt: 20-30%
Other
REC Limits:NONE SPECIFIED BY M.

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2737 MG/KG (MEK)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:LIQUID CONTACT WITH THE EYES CAN CAUSE SEVERE IRRITATION WHICH COULD RESULT IN PERMANENT DAMAGE. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND ALLERGIC SKIN REACTION. VAPOR MAY CAUSE RESPIRATORY SYSTEM IRRITATION AND LIGHT-HEADEDNESS. MAY CAUSE DIGESTIVE SYSTEM IRRITATION IF INGESTED.
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:TEARING & BLURRED VISION. IRRITATION, DIZZINESS, HEADACHE, NAUSEA, & IN EXTREME CASES, UNCONSCIOUSNESS.
Medical Cond Aggravated by Exposure:PEOPLE WITH CHRONIC DISEASES OF THE SKIN MAY BE AT INCREASED RISK WHEN EXPOSED TO TH

IS MATERIAL.

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

First Aid:INHALATION: MOVE PERSON TO FRESH AIR. RESSUSCITATE IF NOT BREATHING. GET EMERGENCY MEDICAL ASSISTANCE. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 10 MINUTES. GET MEDICAL TREATMEN T. SKIN: WASH AFFECTED SKIN AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. INGESTION: DO NOT INDUCE VOMITING: GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:20.0F,-6.7C
Lower Limits:1.8
Upper Limits:11.5
Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO INTERNAL PRESSURE BUILDUP.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA. CONTAIN THE SPILL. COVER WITH ABSORBENT MATERIALS AS NEEDED. COLLECT THE SPILLED MATERIAL USING NON-SPARKING TOOLS. PLACE IN DOT APPROVED METAL CONT AINER, AND SEAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP PRODUCT AND ITS VAPOR AWAY FROM HEAT, SPARKS, FLAME OR OTHER SOURCES OF IGNITION. THE VAPORS RELEASED BY THIS PRODUCT CAN EASILY BE IGNITED.
Other Precautions:AVOID PROLONGED BREATHING OF VAPORS. USE ONLY IN AREAS WITH SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS. PROVIDE LOCAL EXHAUST VENTILATION IF NECESSARY. A VOID CONTACT WITH SKIN AND EYES.

=====
===== Exposure Controls

/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED RESPIRATORS FOR ORGANIC VAPORS. USE NIOSH/MSHA APPROVED AIRLINE TYPE RESPIRATORS OR HOODS IN CONFINED AREAS.

Ventilation:SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW TLVS. PROVIDE LOCAL EXHAUST VENTILATION IF NECESSARY.

Protective Gloves:NEOPRENE OR RUBBER GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES WITH FACE SHIELD

Other Protective Equipment:USE DISPOSABLE OR IMPERVIOUS CLOTHING IF

WORK CLOTHING CONTAMINATION IS LIKELY. USE PROTECTIVE SKIN CREAM IF REQUIRED.

Work Hygienic Practices:WASH HANDS BEFORE EATING OR SMOKING OR USING THE WASH ROOM. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NOT SMOKE IN ANY CHEMICAL HANDLING OR STORAGE AREA. FOOD OR BEVERAGES SHOULD NOT BE CONSUMED ANYWHERE THIS PRODUCT IS HANDLED OR STORED. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

===== Physica

/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:176F,80C

Vapor Pres:80

Vapor Density:2.5

Spec Gravity:0.95

Viscosity:8500 CPS

Evaporation Rate & Reference:2.7 (WATER=1)

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR, COLORLESS LIQUID, KETONE LIKE ODOR.

Percent Volatiles by Volume:60

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, AMINES AND ALDEHYDES.

Stability Condition to

Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON DIOXIDE & CARBON DIOXIDE, AND SMOKE PARTICLES WHEN SUBJECTED TO EXCESSIVE HEAT OR FLAME.

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

Waste Disposal Methods:INCINERATE ABSORBED AND BULK PRODUCT AFTER MIXING WITH FLAMMABLE MATERIAL IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER D001.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.