

3M GENERAL OFFICES -- SCOTCH-GRIP 1099 PLASTIC ADHESIVE

=====
MSDS Safety Information
=====

FSC: 8040
NIIN: 01-126-1422
MSDS Date: 11/11/1994
MSDS Num: BVZJV
Product ID: SCOTCH-GRIP 1099 PLASTIC ADHESIVE
MFN: 04
Responsible Party
Cage: 04963
Name: 3M GENERAL OFFICES
Address: 3M CENTER
City: SAINT PAUL MN 5514
4-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 04963
Name: 3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV
Address: 3M CTR
City: SAINT PAUL MN 55144-1000
Phone: 800-364-3577/651-737-6501(24 HOURS)

=====
Item Description Information
=====

=====
Item Manager: GSA
Item Name: ADHESIVE
Specification Number: UNKNOWN
Unit of Issue: QT
UI Container Qty: 0
Type of Container: QUART

=====
Ingredients
=====

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA III)
% Wt: 60-70
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 750PPM/1000STEL;9294
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 9003-18-3
Name: ACRYLONITRILE BUTADIENE POLYMER
% Wt: 10-20
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 9003-35-4
Name: PHENOL FORMALDEHYDE POLYMER
% Wt: 5-10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 55185-45-0
Name: PHENOLIC RESIN
% Wt: 5-10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACG
IH TLV: NOT ESTABLISHED

Cas: 69-72-7
RTECS #: VO0525000
Name: SALICYLIC ACID
% Wt: 1-5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 1314-13-2
RTECS #: ZH4810000
Name: ZINC OXIDE
% Wt: 1-5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10MG/M3 TDUST; 9394

RTECS #: 9999999VC
Name: VOLITILE ORGANIC CONTENT AS LISTED ON MSDS, 594 G/L SCAQ

MD RULE 443.1

CALCULATED.VOC LESS H2O/EXEPMT SOLVT 594 G/L.

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

=====
Health Hazards Data
=====

LD50 LC50 Mixture: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Effects of Exposure: EYE:MODERATE IRRIT. SKIN:MILD IRRIT. INHAL:CNS DEPRESSION.

UPPER RESP IRRIT. INGEST;GASTROINTESTINAL TIS

SUES IRRIT. MAY CAUSE CNS

DEPRESSION. ASPIRATIAON PNEUMONITIS.

Signs And Symptoms Of Overexposure: EYE:REDNESS,SWELLING,PAIN,TEARING,HAZY VISION.SKIN:REDNESS,SWELLING,ITCHING.INHAL:HEAD,DIZZ,DROW,INCOORD,SLOWED RX TIME,SLURRED SPEECH,GIDDINESS,UNCONSC.NOSE/THROAT SORENESS,COUGH,SNEEZING.INGEST:PAIN ,VOMIT,ABD TENDERNESS,NAU,BLOOD IN VOMITU/FECES.MUSCULAR WEAK,FTG,BLURRED VISION,TREMORS,CONVULS,PNEU,DIFF BREAHT.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MFG.

First Aid: E

YE:IMMEDIATELY FLUSH W/LARGE AMOUNTS WATER. GET IMMEDIATE MEDICAL AID. SKIN: FLUSH WITH LARGE AMOUNTS WATER. IF IRRITATION PERSISTS, GET MEDICAL AID. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING , GIVE ARTIF RESPRTN. IF BREATHING DIFFICULT, GET IMMED MED AID. INGESTION: CALL DR IMMED. ONLY INDUCE VOMITING AT INSTRUCTIONS OF DR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

=====
Handling and Disposal
=====

Spill Release Procedures: REFER TO MSDS FOR INFO ON PHYSICAL/HEALTH HAZ,RESP PROT,VENTI&PPE.CALL 612-733-1110/612-733-6100 FOR 24HR SPILL ASSITANCE. VENTILATE AREA. EXTINGUISH ALL IGN SOURCES.COVER W/ABSORBENT MATL.COLLECT USI NG NON-SPARKING TOOLS.PLACE IN DOT APPROVED CNTNR.

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

ASTE. SINCE REGS VARY CONSULT APPLICABLE

REGS/AUTH ORITIES BEFORE DISPOSAL. EPA HAZ WASTE #:D001.

Handling And Storage Precautions: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST.

Other Precautions: KEEP CONTAINER TIGHTLY CLOSED. FLAMMABLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME, AND OTHER SOURCES OF IGNITION. GROUND CONTAINERS SECURELY WHEN TRANSFERRING CONTENTS. WEAR LOW STATIC OR PROPERLY GROUNDED SHOES.

=====

=====

Fire and Explosion Hazard Information

=====

Flash Point Method: TCC

Flash Point Text: 0F,-18C

Lower Limits: 2.6

Upper Limits: 12.8

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures: PROTECT CLOTH,W/HELMET,SCBA POS PRESSR/PRESSURE DEMAND BREATHING APPARATUS,BUNKER COAT & PANTS,BANDS ARND ARMS,WAIST,LEGS,FACE MASK & PROTECT COVERING FOR HEAD.

Unusual Fire/Explosion Hazard:

CLOSED CONTAINERS EXPOSED TO HEAT FROM FIRE MAY BUILD PRESSURE & EXPLODE. VAPORS MAY TRAVEL LONG DISTANCE ALONG GROUND OR FLOOR TO IGNITION SOURCES & FLASHBACK.

=====

Control Measures

=====

Respiratory Protection: AVOID PROLONGED BREATHING OF VAPORS. SELECT ONE OF THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF CONTAMINANT AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF MASK ORGANIC VA POR RESPIRATOR.

Ventilation: USE IN WELL VENTED AREA.SUFFICIENT VENT TO MAINTAIN EMMSIONS BELOW PEL/TLV,IF NOT ADEQUATE,USE APPROP RESPRTRY PROTECTN.

Protective Gloves: BUTYL RUBBER, TEFLON, (SEE SUPPLEMENTAL)

Eye Protection: VENTED GOGGLES.SAFETY GLASSES W/SIDSHLDS

Other Protective Equipment: AVOID SKIN CONTACT. ** VINYL ALCOHOL, POLYTETHYLENE/ETHYLENE VINYL ALCOHOL, POLYTETRAFLUOROETHYLENE (TEFLON).

Supplemental Safety and Health: GLOVES:POLYETHYLENE/EHTY LENE VINYL ALCOHOL.

=====

Physical/Chemical Properties

=====

HCC: F2

B.P. Text: 132F(ACETON

Vapor Pres: 180 @68F

Vapor Density: 2.0

Spec Gravity: 0.89

Viscosity: 2150CPS

Evaporation Rate & Reference: 1.9, ETHER=1

Solubility in Water: SLIGHT

Appearance and Odor: LIGHT TAN LIQUID, KETONE ODOR

=====

Reactivity Data

=====

=====

Stability Indicator: YES

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, HYDROGEN CYANIDE, ALDEHYDES, KETONES, HYDROCARBONS, OXIDES OF ZINC

Hazardous Polymerization Indicator: NO

=====

Toxicological Information

=====

=====

Ecological Information

=====

=====

MSDS Transport Information

=====

=====

Regulatory Information

=====

=====

Other Information

=====

=====

=====

Transportation Information

=====

Responsible Party Code: 04963

Trans ID NO: 109301

Product ID: SCOTCH-GRIP 1099 PLASTIC ADHESIVE

MSDS Prepared Date: 11/11/1994

Review Date: 02/24/1995

MFN: 4

Net Unit Weight: UNKNOWN

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: QT

Container QTY: 0

Type Of Container: QUART

=====

Detail DOT Information

=====

=====
DOT PSN Code: AFR
DOT Proper Shipping Name: ADHESIVES,
DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID
Hazard Class: 3
UN ID Num: UN1133
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: B52,T,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: B
=====

=====
Detail IMO Information
=====

IMO P
SN Code: AIH
IMO Proper Shipping Name: ADHESIVES,
IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o
IMDG Page Number: 3174
UN Number: 1133
UN Hazard Class: 3.2
IMO Packaging Group: I/II*
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 330
=====

=====
Detail IATA Information
=====

IATA PSN Code: AKY
IATA UN ID Num: 1133
IATA Proper Shipping Name: ADHESIVES
IATA PSN Modifier: ,CONTAINI
NG FLAMMABLE LIQUID
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 307
Exceptions: A7
=====

=====
Detail AFI Information
=====

AFI PSN Code: AKY
AFI Proper Shipping Name: ADHESIVES
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
AFI Hazard Class: 3
AFI UN ID NUM: UN1133
AFI Packing Group: II
Spe

cial Provisions: P5
Back Pack Reference: A7.3

=====

HAZCOM Label

=====

Product ID: SCOTCH-GRIP 1099 PLASTIC ADHESIVE
Cage: 04963
Company Name: 3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS 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: 12/16/1998
Status Code: C
Label Date: 12/16/1998
Origination Code:

G

Hazard And Precautions: EYE:MODERATE IRRIT. SKIN:MILD IRRIT. INHAL:CNS
DEPRESSION. UPPER RESP IRRIT. INGEST;GASTROINTESTINAL TISSUES IRRIT. MAY
CAUSE CNS DEPRESSION. ASPIRATIAON PNEUMONITIS.

EYE:REDNESS,SWELLING,PAIN,TEARING,HAZY
VISION.SKIN:REDNESS,SWELLING,ITCHING.INHAL:HEAD,DIZZ,DROW,INCOORD,SLOWED RX
TIME,SLURRED SPEECH,GIDDINESS,UNCONSC.N OSE/THROAT
SORENESS,COUGH,SNEEZING.INGEST:PAIN,VOMIT,ABD TENDERNESS,NAU,BLOOD IN
VOMITU/FECES.MUSCULAR WEAK,FTG,BLURRED
VISION,TREMORS,CONVULS,PNEU,DIFF
BREAHT.

=====

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, states, or intends said information to have any application, use or
viability by or to any person or persons outside the Department of Defense
nor any per
son or persons contracting with any instrumentality of the United
States of America and disclaims all liability for such use. Any person
utilizing this instruction who is not a military or civilian employee of the
United States of America should seek competent professional advice to verify
and assume responsibility for the suitability of this information to their
particular situation regardless of similarity to a corresponding Department
of Defense or other government situation.