

3M, INDUSTRIAL TAPE AND SPECI -- SCOTCH-GRIP 847 RUBBER AND GASKET ADHESIVE

MSDS Safety Information

FSC: 5330
NIIN: 01-417-4848
MSDS Date: 11/20/1992
MSDS Num: CJVCP
Product ID: SCOTCH-GRIP 847 RUBBER AND GASKET ADHESIVE
MFN: 01
Responsible Party
Cage: 52152
Name: 3M, INDUSTRIAL TAPE AND SPECIALTIES DIVISION
Address: 3M CENTER
City: ST PAUL MN 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Resp. Party Other MSDS No.: 10-2436-3

Item Description Information

Item Manager: S9I
Item Name: PARTS KIT,SEAL REPLACEMENT,MECHANICAL EQUIPMENT
Unit of Issue: EA
UI Container Qty: Y

Ingredients

Cas: 9003-35-4
Name: PHENOL-FORMALDEHYDE POLYMER
% low Wt: 7.
% high Wt: 13.

Cas: 9003-18-3
Name: ACRYLONITRILE-BUTADIENE POLYMER
% low Wt: 10.
% high Wt: 20.

Cas: 8050-31-5
Name: GLYCEROL ESTERS OF ROSIN ACIDS
% low Wt: 7.
% high Wt: 13.

Cas: 69-72-7
RTECS #: VO0525000
Name: SALICYLIC ACID
% low Wt: 1.
% high Wt: 5.

Cas: 1314-13-2
RTECS #: ZH4810000
Name: ZINC OXIDE (ZNO)
< Wt: 2.
OSHA PEL: 15 MG/M3

Cas: 68411-46-1
Name: ANTIOXIDANT
< Wt: 1.

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE
% low Wt: 60.
% high Wt: 70.
OSHA PEL: 2400 MG/M3;1000 PPM
ACGIH TLV: 1780 MG/M3;750 PPM
ACGIH STEL: 2380 MG/M3;1000 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
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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

Effects of Exposure: EYE CONTACT MAY CAUSE MODERATE IRRITATION. SKIN CONTACT MAY CAUSE MILD IRRITATION. INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION AND/OR UPPER RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TISSUES. ASPIRATION HAZARD LEADING TO PNEUMONITIS.

Signs And Symptions Of Overexposure: EYES-REDNESS, SWELLING, PAIN, TEARING, HAZY VISION. SKIN-REDNESS, SWELLING, ITCHING. I

NHALED-HEADACHE, DIZZINESS,

DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED SPEECH, GIDDINESS, UNCONSCIOUSNESS, SORENESS OF THE NOSE & THROAT, COUGHING & SNEEZING . INGESTED-PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, BLOOD IN FECES.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER

First Aid: IMMEDIATELY FLUSH EYES WITH A LARGE AMOUNT OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN-FLUSH SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION

PERSISTS, GET MEDICAL ATTENTION. INHALATION-REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION. INGESTED-CALL A PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Handling and Disposal

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Spill Release Proc

edures: VENTILATE AREA. EXTINGUISH ALL IGNITION SOURCES.

COLLECT USING NON-SPARKING TOOLS. COVER WITH ABSORBENT MATERIAL. PLACE IN A US DOT-APPROVED CONTAINER & SEAL. CALL 612-733-1110 OR 612-733-6100 FOR SPI LL ASSISTANCE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER

Waste Disposal Methods: INCINERATE IN A PERMITTED HAZARDOUS WASTE INCINERATOR IN THE PRESENCE OF A COMBUSTIBLE MATERIAL. DISPOSE OF WASTE PRODUCT IN A FACILITY PERMITTED TO ACCEPT CHEMICAL WASTE.SINCE REGULATION

S VARY, CONSU LT

APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. US EPA HAZ. WASTE NUMBER:D001(IGNITABLE).

Handling And Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION. GROUND CONTAINERS SECURELY WHEN TRANSFERRING CON TENTS. WEAR LOW STATIC OR PROPERLY GROUNDED SHOES.FLAMMABLE LIQUID AND VAPOR

Other Precautions: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point: =-17.8C, 0.F

Lower Limits: 2.6

Upper Limits: 12.8

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING,INCLUDING HELMET,SELF-CONTAINED,POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNKER COAT AND PANTS,BAND S AROUND ARM/WAIST/LEGS;FACE MASK AND PROTECTIVE COVER ING FOR EXPOSED AREAS OF HEAD.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS EXPOSED TO HEAT FROM FIRE MAY BUILD PRESSURE AND EXPLODE. VAPORS MAY TRAVEL LONG DISTANCES ALONG THE GROUND OR FLOOR TO AN IGNITION SOURCE AND FLASH BACK.

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Control Measures

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Respiratory Protection: AVOID PROLONGED BREATHING OF VAPORS. SELECT ONE OF THE

FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF-MASK ORGANIC V APOR RESPIRATOR.

Ventilation: USE IN A WELL-VENTILATED AREA. PROVIDE SUFFICIENT VENTILATION TO MAINTAIN EMISSIONS BELOW EXPOSURE LIMITS.

Protective Gloves: BUTYL RUBBER, POLYETHYLENE/ETHYLENE VINYL ALCOHOL, TEFLON.

Eye Protection: AVOID EYE CONTACT, WEAR SAFETY GLASSES/SIDE SHIELDS OR VENTED GOGGLES.

Other Protective Equipment: AVOID SKI

N CONTACT. DLA-: ANSI APPROVED EMERGENCY
EYEWASH & DELUGE SHOWER.

Work Hygienic Practices: DO NOT INGEST.

Supplemental Safety and Health: FOLLOWING EFFECTS ARE SEEN IN ONE OR MORE
INGREDIENT BUT ARE NOT EXPECTED IN THE PRODUCT AS A WHOLE: CNS DEPRESSION,
ASPIRATIONAL PNEUMONITIS.

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Physical/Chemical Properties

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HCC: F2

Boiling Point: =55.6C, 132.F

B.P. Text: ACETONE

M.P/F.P Text: N

/D

Vapor Pres: 180MMHG 68F

Vapor Density: 2.0

Spec Gravity: 0.91

PH: N/D

VOC Grams/Liter: 583

Viscosity: 2,750 CPS

Evaporation Rate & Reference: 1.9 NO REF

Solubility in Water: SLIGHT

Appearance and Odor: DARK BROWN LIQUID; SHARP SOLVENT ODOR

Percent Volatiles by Volume: 64

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: STABLE

Materials To Avoid: STRONG OXI

DIZING AGENTS.

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

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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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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Sara Title III Information: SEC 311/312: THIS PRODUCT HAS FIRE, IMMEDIATE AND
CHRONIC HEALTH HAZARDS. SEC 313: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC
CHEMICALS SUBJECT TO THE REQ
UIREMENTS OF SEC 313 OF EPCRA (40CFR 372): ACE
TONE AND ZINC OXIDE.

Federal Regulatory Information: THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA
INVENTORY.

State Regulatory Information: NO INFORMATION PROVIDED.

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Other Information

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Other Information: NONE

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Transportation Information

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Responsible Party Cage: 52152

Trans ID NO: 150377

Product ID: SCOTCH-GRIP 847 RUBBER AND GASKET ADHESIVE

MSDS Prepared Date: 11/20/1992

Review Date: 11/30/1999

MFN: 1

Tech Entry NOS Shipping Nm: CONTAINS ACETONE (60-70%)

Net Unit Weight: EACH

Multiple KIT Number: 0

Unit Of Issue: EA

Container QTY: Y

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Detail DOT Information

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DOT PSN Code: GJJ

Symbols: G

DOT Proper Shipping N

ame: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: T8,T31
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 5L
Max Qty Cargo: 60 L
Vessel Stow Req: B

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Detail IMO Information
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IMO PSN Code: HIN
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3230
UN Number: 1993
UN Hazard Class: 3.2
IMO
Packaging Group: I/II
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T

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Detail IATA Information
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IATA PSN BV
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
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

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Detail AFI Information
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AFI PSN BV
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: SCOTCH-GRIP 847 RUBBER AND GASKET ADHESIVE
Cage: 52152
Comp

any Name: MINNESOTA MINING & MFG CO INDUSTRIAL TAPE & SPECIALTIES
DIV

Street: 3M CENTER

City: ST PAUL MN

Zipcode: 55144-1000

Health Emergency Phone: 612-733-1110

Label Required IND: Y

Date Of Label Review: 11/30/1999

Status Code: A

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE LIQUID & V

APORS! EYE/SKIN CONTACT MAY

CAUSE IRRITATION. INHALATION MAY CAUSE CNS DEPRESSION AND/OR UPPER
RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE IRRITATION OF THE GI TRACT.
ASPIRATION HAZARD LEADING TO PNEUMONITIS. FIRST AID: I FLUSH EYES WITH LARGE
AMOUNT OF WATER. GET IMMEDIATE MEDICAL HELP. SKIN-FLUSH WITH WATER. IF
IRRITATION PERSISTS, GET MEDICAL HELP. INHALATION-REMOVE PERSON TO FRESH
AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS
DIFFICULT, GET IMMEDIATE MEDICAL HELP.

INGESTED-CALL A PHYSICIAN IMMEDIATELY.

ONLY INDUCE VOMITING TO A CONSCIOUS PERSON AT THE INSTRUCTION OF A
PHYSICIAN.

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