

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
 55144-1000
 1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: ENGINEERED ADHESIVES

TRADE NAME:

3M(TM) Scotch-Grip(TM) Rubber and Gasket Adhesive 847

ID NUMBER/U.P.C.:

62-0847-0335-4	-	-	-	62-0847-0635-7	00-21200-22567-3
62-0847-2630-6	00-21200-19718-5			62-0847-2631-4	00-21200-19718-5
62-0847-2632-2	-	-	-	62-0847-5530-5	00-21200-19719-2
62-0847-6530-4	00-21200-19721-5			62-0847-7530-3	00-21200-19723-9
62-0847-8530-2	00-21200-19725-3			62-0847-8535-1	00-21200-85863-5
62-0847-9530-1	00-21200-19729-1			62-0847-9531-9	00-21200-19730-7
62-0847-9532-7	-	-	-	62-0847-9535-0	00-21200-85864-2
78-8032-2065-2	-	-	-		

ISSUED: May 24, 2001

SUPERSEDES: October 24, 2000

DOCUMENT: 10-2436-3

1. INGREDIENT	C.A.S. NO.	PERCENT
ACETONE.....	67-64-1	60 - 70
ACRYLONITRILE-BUTADIENE POLYMER.....	9003-18-3	10 - 20
GLYCEROL ESTERS OF ROSIN ACIDS.....	8050-31-5	7 - 13
PHENOL-FORMALDEHYDE POLYMER.....	25085-50-1	5 - 10
SALICYLIC ACID.....	69-72-7	1.0 - 5
ZINC OXIDE.....	1314-13-2	< 2
BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH 2,4,4-TRIMETHYLPENTENE..	68411-46-1	< .5

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24
 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.
 The components of this product are in compliance with the chemical
 notification requirements of TSCA.

This product contains the following toxic chemical or chemicals subject to
 the reporting requirements of Section 313 of Title III of the Emergency
 Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:

ZINC OXIDE

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Oxides of Nitrogen, Hydrogen
Cyanide, Aldehydes, Ketones, Hydrocarbons, Oxides of Zinc.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Cover with absorbent material. Collect using non-sparking tools. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

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.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 0 gms/liter calculated per EPA method 24.
Volatile Organic Compounds: 0 lb/gal calculated per EPA method 24.
VOC Less H₂O & Exempt Solvents: 0 gms/liter calculated per EPA method 24.
Hazardous Air Pollutants: 0 % by wt calculated.
Hazardous Air Pollutants: 0 #/# solids calculated.

Since regulations vary, consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

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6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

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.

IF SWALLOWED:

If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear vented goggles. Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber, polyethylene/ethylene vinyl alcohol, polytetrafluoroethylene (Teflon).

RECOMMENDED VENTILATION:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

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 vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

 7. PRECAUTIONARY INFORMATION (continued)

FIRE AND EXPLOSION AVOIDANCE:

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.

HMSI HAZARD RATINGS: HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0
 PERSONAL PROTECTION: X

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ACETONE.....	500	PPM	TWA	ACGIH	
ACETONE.....	750	PPM	STEL	ACGIH	
ACETONE.....	750	PPM	TWA	OSHAV	
	OSHA VACATED PEL				
ACETONE.....	1000	PPM	STEL	OSHAV	
	OSHA VACATED PEL				
ACETONE.....	1000	PPM	TWA	OSHA	
ACRYLONITRILE-BUTADIENE POLYMER.....	NONE	NONE	NONE	NONE	
GLYCEROL ESTERS OF ROSIN ACIDS.....	NONE	NONE	NONE	NONE	
PHENOL-FORMALDEHYDE POLYMER.....	NONE	NONE	NONE	NONE	
SALICYLIC ACID.....	NONE	NONE	NONE	NONE	
ZINC OXIDE.....	10	MG/M3	TWA	ACGIH	
	AS DUST				
ZINC OXIDE.....	10	MG/M3	TWA	OSHAV	
	AS DUST				
	OSHA VACATED PEL				
ZINC OXIDE.....	5	MG/M3	TWA	ACGIH	
	as fume				
ZINC OXIDE.....	10	MG/M3	STEL	ACGIH	
	as fume				
ZINC OXIDE.....	5	MG/M3	TWA	OSHA	
	as fume				
ZINC OXIDE.....	10	MG/M3	STEL	OSHAV	
	as fume				
	OSHA VACATED PEL				
ZINC OXIDE.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
ZINC OXIDE.....	5	MG/M3	TWA	OSHA	
	RESPIRABLE				
BENZENAMINE, N-PHENYL-, REACTION					
PRODUCTS WITH 2,4,4-					
TRIMETHYLPENTENE.....	NONE	NONE	NONE	NONE	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

 Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL.
Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Ingestion may cause:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

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8. HEALTH HAZARD DATA (continued)

Aspiration Pneumonitis: signs/symptoms can include coughing, difficulty breathing, wheezing, coughing up blood and pneumonia, which can be fatal.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE October 24, 2000 ISSUE

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