

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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This material safety data sheet (MSDS) is provided as a courtesy  
in response to a customer request. This product is not regulated  
under, and a MSDS is not required for this product by the OSHA  
Hazard Communication Standard (29 CFR 1910.1200) because, when  
used as recommended or under ordinary conditions, it should not  
present a health and safety hazard. However, use or processing  
of the product not in accordance with the product's  
recommendations or not under ordinary conditions may affect the  
performance of the product and may present potential health and  
safety hazards.

DIVISION: ELECTRICAL PRODUCTS DIVISION

TRADE NAME:

SCOTCH BRAND AUTO-ELECTRIC SEALING COMPOUND 6147

U.P.C. Number:

00-54007-06147-2 00-54007-06146-5 00-54007-44383-4

ISSUED: March 14, 2001

SUPERSEDES: March 15, 1999

DOCUMENT: 10-2646-7

1. INGREDIENT	C.A.S. NO.	PERCENT
TALC.....	14807-96-6	30.0 - 35.0
POLYBUTYLENE.....	9003-29-6	20.0 - 25.0
ALIPHATIC HYDROCARBON RESIN.....	68003-51-0	10.0 - 15.0
RUBBER, ETHYLENE-PROPENE.....	61789-00-2	5.0 - 10.0
ISOBUTYLENE-ISOPRENE POLYMER.....	9010-85-9	5.0 - 10.0
ASPHALT.....	8052-42-4	5.0 - 10.0
VINYL BACKING.....	None	6.0 - 8.0
CARBON BLACK.....	1333-86-4	1.0 - 5.0
ANTIMONY TRIOXIDE.....	1309-64-4	< 1.0
LEAD PHOSPHITE.....	1344-40-7	< 1.0

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:

ANTIMONY TRIOXIDE

LEAD PHOSPHITE

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

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2. PHYSICAL DATA  
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BOILING POINT:..... N/A  
VAPOR PRESSURE:..... N/A  
VAPOR DENSITY:..... N/A  
EVAPORATION RATE:..... N/A  
SOLUBILITY IN WATER:..... Nil  
SPECIFIC GRAVITY:..... N/A  
PERCENT VOLATILE:..... 0  
pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Black roll with release liner

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

See Hazardous Decomposition section for products of combustion.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

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4. REACTIVITY DATA (continued)  
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HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Hydrogen Chloride, Phosgene.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Not applicable.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility. Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:

LESS THAN 0.1 PPM EXTRACTABLE LEAD BY THE USEPA EP (EXTRACTION PROCEDURE) TOXICITY TEST (40 CFR PART 261.24).

REGULATORY INFORMATION:

Volatile Organic Compounds: N/D.

VOC Less H2O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities before disposal.

EPCRA HAZARD CLASS:

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

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6. SUGGESTED FIRST AID  
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EYE CONTACT:

No need for first aid is anticipated.

SKIN CONTACT:

No need for first aid is anticipated.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

No need for first aid is anticipated.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:  
Not applicable.

SKIN PROTECTION:  
Not applicable.

RECOMMENDED VENTILATION:  
Not applicable.

RESPIRATORY PROTECTION:  
Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:  
Wash hands after handling and before eating.

RECOMMENDED STORAGE:  
Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:  
Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
TALC.....	2	MG/M3	TWA	OSHA	
	RESPIRABLE				
TALC.....	2	MG/M3	TWA	ACGIH	
	RESPIRABLE				
TALC.....	0.5	MG/M3	TWA	CMRG	
	AS RESPIRABLE DUST				
POLYBUTYLENE.....	NONE	NONE	NONE	NONE	
ALIPHATIC HYDROCARBON RESIN.....	NONE	NONE	NONE	NONE	
RUBBER, ETHYLENE-PROPENE.....	NONE	NONE	NONE	NONE	
ISOBUTYLENE-ISOPRENE POLYMER.....	NONE	NONE	NONE	NONE	
ASPHALT.....	0.5	MG/M3	TWA	ACGIH	
	as fume				
VINYL BACKING.....	NONE	NONE	NONE	NONE	
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
CARBON BLACK.....	0.5	MG/M3	TWA	CMRG	
ANTIMONY TRIOXIDE.....	0.5	MG/M3	TWA	ACGIH	
	as Sb				
LEAD PHOSPHITE.....	0.05	MG/M3	TWA	ACGIH	
	as Pb				
LEAD PHOSPHITE.....	0.05	MG/M3	TWA	OSHA	
	as Pb				

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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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.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
  
- NONE: None Established

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

Eye contact is not expected to occur during normal use of the product.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

INHALATION:

Health effects from inhalation are not expected unless product is heated.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

CANCER:

WARNING: Contains a chemical which can cause cancer. (1309-64-4)  
(ACGIH suspected human carcinogen A2, IARC possible human carcinogen 2B, Calif. Proposition 65)

WARNING: Contains a chemical which can cause cancer. (1333-86-4)  
(IARC possible human carcinogen 2B)

WARNING: Contains a chemical which can cause cancer. (1344-40-7)  
(IARC possible human carcinogen 2B - Inorganic Lead Compounds, ACGIH animal carcinogen A3 - Inorganic Lead Compounds, Calif. Proposition 65 - Lead Compounds)

WARNING: Contains a chemical which can cause cancer. (8052-42-4)  
(IARC possible human carcinogen 2B, Calif. Proposition 65)

WARNING: Contains a chemical which can cause cancer. (Lead Compounds)  
(Calif. Proposition 65)

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

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8. HEALTH HAZARD DATA (continued)  
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REPRODUCTIVE/DEVELOPMENTAL TOXINS:

WARNING: Contains a chemical which can cause birth defects,  
reproductive harm, and developmental effects. (1344-40-7)

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SECTION CHANGE DATES  
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HEADING	SECTION CHANGED SINCE March 15, 1999	ISSUE
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