

General Offices/3M
3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

6147

02-35
1873

MATERIAL SAFETY
DATA SHEET



DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: SCOTCH BRAND AUTO-ELECTRIC SEALING COMPOUND
6147
3M I.D. NUMBER: 80-6015-0070-7
ISSUED: NOVEMBER 5, 1985
SUPERSEDES: APRIL 1, 1980
DOCUMENT: 10-2646-7

| 1. INGREDIENTS | C.A.S. NO. | PERCENT | EXPOSURE LIMITS |
|-------------------------|------------|------------|-----------------|
| VINYL BACKING | NONE | 6.0- 8.0 | NONE 5 |
| ANTIMONY TRIOXIDE | 1309-64-4 | 0.0- 1.0 | 0.5mg/cu.m. 1 |
| LEAD PHOSPHITE | 1344-40-7 | 0.0- 1.0 | 0.15mg/cu.m. 1 |
| SYNTHETIC RUBBER MASTIC | NONE | 92.0- 94.0 | NONE 5 |

- SOURCE OF EXPOSURE LIMIT DATA
1. ACGIH THRESHOLD LIMIT VALUES
 2. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT
 3. 3M EXPOSURE GUIDELINES
 4. CHEMICAL MANUFACTURER RECOMMENDED GUIDELINES
 5. NONE ESTABLISHED

ABBREVIATIONS
N/D - NOT DETERMINED
N/A - NOT APPLICABLE

2. PHYSICAL DATA

| | | | |
|---------------------------|-------------------------------|------------------------|-----|
| BOILING POINT: | N/A | SOLUBILITY IN WATER: | Nil |
| VAPOR PRESSURE: | N/A | SP. GRAVITY (WATER=1): | N/A |
| VAPOR DENSITY (AIR=1): | N/A | PERCENT VOLATILE: | 0 |
| EVAPORATION RATE (=1): | N/A | VISCOSITY: | N/A |
| APPEARANCE AND ODOR: | Black roll with release liner | pH: | N/A |

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Closed Cup): N/A
FLAMMABLE LIMITS - LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:
CARBON DIOXIDE, FOAM OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:
NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE

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4. REACTIVITY DATA
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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

NONE

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

MAY INCLUDE CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE AND
PHOSGENE

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5. ENVIRONMENTAL INFORMATION
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SPILL RESPONSE:

NOT APPLICABLE

RECOMMENDED DISPOSAL:

BURY OR INCINERATE IN ACCORDANCE WITH LOCAL REGULATIONS.

ENVIRONMENTAL DATA:

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

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6. SUGGESTED FIRST AID
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EYE CONTACT:

NONE EXPECTED DURING INTENDED USE.

SKIN CONTACT:

NOT EXPECTED TO BE IRRITATING TO SKIN IN INTENDED USES.

INHALATION:

NOT EXPECTED TO BE A ROUTE OF EXPOSURE.

IF SWALLOWED:

NOT EXPECTED TO BE A ROUTE OF EXPOSURE.

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7. PRECAUTIONARY INFORMATION
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NO HAZARD EXPECTED IN NORMAL INDUSTRIAL HANDLING. KEEP OUT OF REACH
OF CHILDREN.

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8. HEALTH HAZARD DATA

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EYE CONTACT: NONE EXPECTED DURING INTENDED USE.

SKIN CONTACT: NOT EXPECTED TO BE IRRITATING TO SKIN IN INTENDED USAGES.

INHALATION: NOT AN EXPECTED ROUTE OF EXPOSURE. LEAD COMPOUNDS ARE REGULATED BY OSHA WITH A PERMISSIBLE EXPOSURE LIMIT OF 0.05 MILLIGRAMS OF LEAD PER CUBIC METER OF AIR. INHALATION EXPOSURE TO LEAD IS NOT EXPECTED DURING NORMAL USE AND HANDLING OF THIS PRODUCT.

INGESTION: NOT AN EXPECTED ROUTE OF EXPOSURE.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.