MATERIAL SAFETY  
DATA SHEET

DIVISION:  
TELECOMM PRODUCTS DIVISION

TRADE NAME:  
SEALANT FOR SCOTCHLOK AND TRIMLOK  
CONNECTORS  

3M I.D. NUMBER:  80-6011-0401-3  80-6011-0501-0  80-6011-0901-2

ISSUED:  
FEBRUARY 13, 1986

SUPERSEDES:  
JANUARY 11, 1986

DOCUMENT:  
10-3062-6

===============================================================================
1. INGREDIENTS  
C.A.S. NO.  PERCENT EXPOSURE 
LIMITS
===============================================================================
<table>
<thead>
<tr>
<th></th>
<th>C.A.S. NO.</th>
<th>PERCENT</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polybutene Synthetic Rubber</td>
<td>- - -</td>
<td>35.0-45.0</td>
<td>None</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>- - -</td>
<td>35.0-45.0</td>
<td>5 mg/m3</td>
</tr>
<tr>
<td>Silane-treated Amorphous</td>
<td>- - -</td>
<td>10.0-20.0</td>
<td>None</td>
</tr>
<tr>
<td>Silica</td>
<td>- - -</td>
<td>0.1-1.0</td>
<td>None</td>
</tr>
</tbody>
</table>

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
===============================================================================
<table>
<thead>
<tr>
<th></th>
<th>N/D</th>
<th>SOLUBILITY IN WATER: Insoluble</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT:</td>
<td>N/D</td>
<td>SP. GRAVITY (WATER=1): 0.8</td>
</tr>
<tr>
<td>VAPOR PRESSURE:</td>
<td>N/D</td>
<td>PERCENT VOLATILE: N/D</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR=1)</td>
<td>N/D</td>
<td>EVAPORATION RATE (N/D):</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>N/D</td>
<td>VISCOSITY: N/D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Light colored grease, slight</td>
</tr>
<tr>
<td></td>
<td></td>
<td>aromatic odor</td>
</tr>
</tbody>
</table>

===============================================================================
3. FIRE AND EXPLOSION HAZARD DATA
===============================================================================
| FLASH POINT (TCC):  | >500F |
| FLAMMABLE LIMITS -  | LEL: N/D UEL: N/D |

EXTINGUISHING MEDIA:
CO₂, Foam, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:
MATERIAL SAFETY DATA SHEET

MSDS: EG-3 SEALANT FOR SCOTCHLOK AND TRIMLOK CONNECTORS
FEBRUARY 13, 1986

Treat as Class B fire

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None

4. REACTIVITY DATA
STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:
None

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal decomposition or burning of sealant may produce various low
molecular weight hydrocarbon compounds including methane.

ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Observe precautionary information from other sections. Collect
spilled material. Clean up residues with an organic solvent such as
methyl ethyl ketone (MEK). Carefully follow MSDS recommendations for
the cleanup solvent.

RECOMMENDED DISPOSAL:
Dispose of waste product in a sanitary landfill in accordance with
state and local regulations.

ENVIRONMENTAL DATA:
Sealant is not a hazardous waste as designated by the US EPA RCRA
standards (40 CFR 261.2).

6. SUGGESTED FIRST AID

EYE CONTACT:
Flush with plenty of water and consult a physician.

SKIN CONTACT:
Wash affected areas with soap and water.

INHALATION:
Not an expected route of exposure. Sealant has low volatility and is
contained within connector.

IF SWALLOWED:
Drink water and call a physician or poison control center.

7. PRECAUTIONARY INFORMATION

Avoid eye contact with sealant. Safety glasses recommended.
Wash sealant off hands before eating or smoking.
Keep connectors out of reach of children.
8. HEALTH HAZARD DATA

EYE CONTACT: Direct eye contact with sealant is not expected to cause irritation. The sealant was found to be non-irritating in animal studies.

SKIN CONTACT: Short-term contact with the sealant is not expected to cause irritation. Prolonged or repeated skin contact may cause slight irritation. The sealant was found to be slightly irritating in animal studies (exposure period of 24 hours).

INHALATION: Due to low volatility of the material and container within connector, no inhalation hazard is expected. The OSHA (Z list) permissible exposure limit for mineral oil mist is 5 mg/m³.

SWALLOWING: Acute ingestion hazard (single swallow) and chronic hazard (repeated ingestion) are considered to be low.

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.