TREMCOD MATERIAL SAFETY DATA SHEET

1 - PRODUCT INFORMATION

TRADE NAME : DYNOMIC SEALANT - All colours
CODE NUMBER : 950-8XX
WHMIS CLASS : D2A, D2B
P.I.N. : N.R.
PRODUCT USE : Sealant

READ ALL DATA BELOW CAREFULLY FOR SAFER USE

MANUFACTURER:
TREMCO CANADA DIVISION, RPM CANADA
220 WICKSTEED AVE
TORONTO, ONTARIO, M4H 1G7
EMERGENCY PHONE: 613-996-6666

2 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Wt./wt.</th>
<th>CAS Number</th>
<th>LD50 mg/kg</th>
<th>LC50 mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICA (CRYSTALLINE)</td>
<td>0.1-1.0</td>
<td>014808-60-7</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>CARBON BLACK See Section 5</td>
<td>0.1-1.0</td>
<td>001333-86-4</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>ALIPHATIC AMINE</td>
<td>1-5</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>URETHANE PREPOLYMER</td>
<td>30-50</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>ALIPHATIC NAPHTHA</td>
<td>1-5</td>
<td>064742-88-7</td>
<td>6320 rat oral</td>
<td>6720 rat</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>1-5</td>
<td>000108-88-3</td>
<td>5500 rat oral</td>
<td>8000 ppm rat</td>
</tr>
</tbody>
</table>

3 - PHYSICAL DATA

APPEARANCE : Coloured pastes
ODOUR : Mild ester
SOLUBILITY IN WATER : Negligible
VAPOUR DENSITY : In heavier than air
EVAPORATION RATE : Is slower than Ether
SPECIFIC GRAVITY : 1.28
PERCENT VOLATILE WT/WT: 1-5
ADDITIONAL INFORMATION: No Information.

4 - FIRE OR EXPLOSION HAZARD

FLASH POINT: Not applicable (NON FLAMMABLE SOLID BY WHMIS CRITERIA)
MEANS OF EXTINGUISH: If water is ineffective, use carbon dioxide, dry chemical or foam.
CONDITIONS OF FLAMMABILITY: Heat and sources of ignition may cause combustion.
HAZARDOUS COMBUSTION PRODUCTS: May produce smoke, fumes, oxides of carbon and nitrogen and HCN.

5 - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY: SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT
ACUTE EXPOSURE EFFECTS: EYES: May cause irritation on contact. SKIN: May cause irritation or sensitization.
INHALATION: Overexposure may cause headache, dizziness, drowsiness, coughing or irritation of the respiratory system.
INGESTION: May cause nausea, vomiting, irritation of the intestinal tract or more serious injury depending on the quantity ingested. The TLV for aliphatic naphtha is 100 ppm. The TLV for carbon black is 3.5 mg/m3. The TLV for toluene is 50 ppm. The TLV for crystalline silica is 0.1 mg/m3.
CHRONIC EXPOSURE EFFECTS: Overexposure may cause dermatitis, asthma, skin and respiratory sensitization and decreased lung function. May aggravate persons sensitized to amines. Repeated overexposure to vapours and/or material may injure the liver, kidneys and respiratory system unless suitable engineering controls and/or personal protective equipment are used. Carbon black is a suspected carcinogen according to IARC. Crystalline silica is a recognized carcinogen by IARC, however it is at low concentration and is bound so it should not cause significant adverse effects. Toluene overexposure may increase risk of injury to the heart, brain, hearing and fetus.
NOTES: Carbon black is 0.1-1% in black and bronze only. Butyl benzyl phthalate may be added at 7-13%. CAS # 85-68-7. TLV >10000 mg/kg. Repeated overexposure to butyl benzyl phthalate may cause adverse effects on the liver, spleen, pancreas and reproductive organs. Carbon black is normally bound by resins and should not cause adverse effects unless made airborne.

6 - FIRST AID: Get immediate medical attention for any significant overexposure

GENERAL FIRST AID: EYES: Flush with water for at least 15 minutes while holding eyelids
apart. Get medical attention immediately after. INGESTION: Do not induce vomiting. Call nearest Poison Control Center (for Toronto call 416-813-5960). If conscious 1-2 ounces of water may be given. Do not provide large amounts of liquid unless advised by physician. INHALATION: Remove person from exposure. Avoid further overexposure. Provide artificial respiration if necessary. SKIN: Clean with handcleaner, then with soap and water.

7 - REACTIVITY DATA

STABILITY CONDITIONS: Stable under normal conditions of use.
INCOMPATIBLE CLASSES: Strong acids, bases or oxidizers and water, moisture, alcohols, amines, etc

8 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Use professional judgement in selection, care and use. EYES: Use suitable eye protection, eg safety glasses, goggles or face shield if eyes contact is possible. Do not wear contact lenses. Have eyewash facility readily available. SKIN: Use suitable impervious nitrile gloves and protective apparel to reduce exposure. RESPIRATION: Use full engineering controls before relying on PPE. Use SCBA or positive pressure air supplied respirator with full face mask to reduce the isocyanate vapors below the regulated limit if application conditions warrant it. ENGINEERING CONTROLS: Reduce vapours below the TLV with maximum general ventilation and or local exhaust. Use full engineering controls before relying on PPE. SPILLS LEAKS AND WASTE DISPOSAL: Use personal protective equipment. REMOVE SOURCES OF IGNITION IMMEDIATELY. Scoop up or absorb with inert material and transfer to suitable container for disposal. Dispose as HAZARDOUS WASTE according to all local, provincial and federal regulations. HANDLING AND STORAGE PROCEDURES: KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. Avoid heat and all ignition sources, eg: sparks, flame, cigarettes etc. during transportation, storage, handling and application. Use spark proof tools and explosion proof equipment if conditions warrant them. Avoid ingestion, inhalation of vapours and skin or eye contact. Keep skin and apparel clean to reduce exposure. Precautions apply also to empty containers. Keep food away from vapours. Do not use inside occupied buildings. Seal all openings to occupied sections until vapours dissipate. Store under dry warehouse conditions away from heat and all ignition sources.

9 - PREPARATION INFORMATION: Deleted subcategories have no information available

PREPARED BY: SEWNAUTH RAGHUNANDAN DATE PREPARED: 09/03/03 TELEPHONE: 416-421-3300