1 IDENTIFICATION

NOTE: Hazardous according to criteria of NOHSC Australia.

PRODUCT NAME

3M BRAND SPRAY 80 NEOPRENE CONTACT ADHESIVE

3M Product ID

62-4939-4930-9  62-4939-4935-8  0358903  CS-0406-6975-9

DIVISION

ENGINEERED ADHESIVES

INTENDED USE OF PRODUCT

Used for most plastics, laminate and wood products. Bonds vinyl and leather.
POISONS SCHEDULE: NONE ALLOCATED

SPECIAL INSTRUCTIONS: 2D1

2 PHYSICAL/CHEMICAL PROPERTIES

3M BRAND SPRAY 80 NEOPRENE CONTACT ADHESIVE

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and Odour</td>
<td>Thin, light yellow liquid in aerosol; sweet odour</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>NIL</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.76 (Water=1)</td>
</tr>
<tr>
<td>Volatile organic compounds</td>
<td>69 %</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&gt; 100 centipoise</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>-42 C TCC (Dimethyl ether as propellant)</td>
</tr>
<tr>
<td>Flammable Limits - LEL</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammable Limits - UEL</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

3 COMPOSITION

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMETHYL ETHER</td>
<td>115-10-6</td>
<td>25 - 35</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>10 - 20</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>110-82-7</td>
<td>10 - 20</td>
</tr>
<tr>
<td>PENTANE</td>
<td>109-66-0</td>
<td>10 - 20</td>
</tr>
<tr>
<td>NON-VOLATILE COMPONENTS</td>
<td>---</td>
<td>10.0 - 20.0</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>
4 HEALTH HAZARDS

Effects from Eye Contact
Eye irritation: Signs/symptoms can include redness, swelling, pain, tearing and hazy vision.

Effects from Skin Contact
May cause mild skin irritation (more likely after prolonged or repeated contact). Signs/symptoms can include redness, swelling and itching. May be absorbed through the skin in harmful amounts.

Effects from Inhalation
Intentional concentration and inhalation can be harmful or fatal. Blood disorders: signs/symptoms can include prolonged weakness and fatigue. Kidney Effects: signs/symptoms can include reduced urine volume, blood in urine and back pain. Liver Effects: signs/symptoms can include yellow skin (jaundice) and tenderness of upper abdomen. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, lack of coordination, slowed reaction time, slurred speech, giddiness and unconsciousness. Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion
Ingestion is unlikely to be a route of exposure.

5 FIRST AID

EYE CONTACT
In case of contact with eyes, rinse immediately with plenty of water. Get immediate medical attention.

SKIN CONTACT
Flush skin with large amounts of water. If irritation persists, contact a doctor.

INHALATION
Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
SWALLOWED
If swallowed, give two glasses of water and contact a doctor or Poisons Information Centre. Do NOT induce vomiting.

6 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA
Carbon dioxide.
Dry chemical.
Foam.

FIRE FIGHTING PROCEDURES
Wear full protective clothing, including helmet, self-contained, positive pressure or positive pressure demand self-contained breathing apparatus, tunic and pants, bands around arms, waist and legs, full facepiece, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back.

EXPLOSION AVOIDANCE
Keep away from heat, sparks, open flame, and other sources of ignition.

Aerosol container contains flammable gas under pressure. Extremely flammable liquid and vapour. No smoking while handling this material.

7 ACCIDENTAL RELEASE MEASURES (SPILL)

Personal Precautions
Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Spill Response
Ventilate area with fresh air. Extinguish all ignition sources. Cover with absorbent material. Collect as much of the spilled material as possible using non-sparking tools. Place in a suitable metal container.

Methods for Disposal
Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material. Disposal facilities must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.
8 HANDLING AND STORAGE

Storage Requirements
Store at temperatures below 50 degrees C.

Incompatibility - Materials to Avoid
Store out of direct sunlight.

Fire Avoidance
Aerosol container contains flammable gas under pressure. Extremely flammable liquid and vapour. No smoking while handling this material.

Static Prevention
Avoid static discharge.

Use Instructions
Do not pierce or burn containers, even after use.

9 EXPOSURE CONTROLS/PROTECTION

Eye Protection
Avoid eye contact with vapour, spray, or mist.
During operations in which eye exposure is likely, the following should be worn alone, or in combination, as appropriate: Safety glasses with side shields.
Eye protection should comply with AS/NZS1337.

Skin Protection
Avoid prolonged or repeated skin contact.

Respiratory Protection
Avoid breathing vapours, mists or spray.
During operations in which inhalation exposure is likely, respiratory protection should be used. Select and use respirators in accordance with AS/NZS1715. When required, use one of the following:
Half-facepiece organic vapour respirator. For information about respirators, call 3M on 1800 024464.

Prevention of Accidental Ingestion
Do not ingest. Keep out of reach of children.

Recommended Ventilation
Do not use in a confined area or areas with little or no air movement. If exhaust ventilation is not adequate, use appropriate respiratory protection. Provide ventilation adequate to control vapour concentrations below recommended exposure limits and/or control spray or mist.
10 EXPOSURE STANDARDS

<table>
<thead>
<tr>
<th>Substance</th>
<th>NOHSC TWA</th>
<th>NOHSC STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMETHYL ETHER</td>
<td>400 ppm</td>
<td>760 mg/m³</td>
</tr>
<tr>
<td></td>
<td>500 ppm</td>
<td>950 mg/m³</td>
</tr>
<tr>
<td>ACETONE</td>
<td>500 ppm</td>
<td>1185 mg/m³</td>
</tr>
<tr>
<td></td>
<td>1000 ppm</td>
<td>2375 mg/m³</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>100 ppm</td>
<td>350 mg/m³</td>
</tr>
<tr>
<td></td>
<td>300 ppm</td>
<td>1050 mg/m³</td>
</tr>
<tr>
<td>PENTANE</td>
<td>600 ppm</td>
<td>1770 mg/m³</td>
</tr>
<tr>
<td></td>
<td>750 ppm</td>
<td>2210 mg/m³</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>100 ppm</td>
<td>150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Overall exposure for this substance will be influenced by skin exposure, including mucous membranes and eyes, either by airborne or more particularly by direct contact with the substance. The presence of other solvents may alter skin absorption.

11 STABILITY AND REACTIVITY

STABILITY AND REACTIVITY
Stable. Hazardous polymerisation will not occur.

INCOMPATIBILITY—MATERIALS TO AVOID
Heat.

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride, Phosgene, Chlorine.

12 ECOTOXICITY

ENVIRONMENTAL DATA
Not determined

Other Ecotoxicity Information
Not determined.
13 DISPOSAL CONSIDERATIONS

Special Instructions for Disposal
Recycle empty aerosol containers where available.
Contact your local waste authority to determine suitable disposal methods.

14 REGULATORY INFORMATION

Product Certifications
AICS - Yes; letter from vendor.

Special Regulatory Information
Worksafe Classification: Xi (Irritant)

15 OTHER INFORMATION

REASON FOR REISSUE
11/04/02 Updated Exposure Control/Protection section (respirator choice)

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, which involves using the product, or otherwise
that in accordance with instructions of use on product packaging is
the responsibility of the user.

If clarification or further information is needed to ensure that an
appropriate risk assessment can be made, the user should contact the
Snr Regulatory Services Officer on (02) 9677-5179.