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3M NEW ZEALAND LTD

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3M Worldwide: Australia: Utilities and Telecommunications

Product Catalogue for Maintenance and Repair (MRO) Solutions > Adhesives > 3M™ Spray Adhesives > 3M™ Spray Adhesives > 3M™ Contact 80, Neoprene Adhesive > 3M™ Rubber And Vinyl Adhesive 80 Neoprene Aerosol Clear, 24 oz, 12 per case, Obsolete

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MATERIAL SAFETY DATA SHEET

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This MSDS has been prepared by 3M Australia Pty Limited Toxicology Department

1 TDENTIFICATION

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.

UN NUMBER 1950

PROPER SHIPPING NAME AEROSOLS, FLAMMABLE, N.O.S.

DANGEROUS GOODS CLASS 2.1

SUBSIDIARY RISK NONE ALLOCATED

PACKING GROUP NONE ALLOCATED POISONS SCHEDULE NONE ALLOCATED

SPECIAL INSTRUCTIONS: 2D1

2 PHYSICAL/CHEMICAL PROPERTIES

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Appearance and Odour Thin, light yellow liquid in

aerosol; sweet odour

Boiling point Not applicable

Vapour pressure Not applicable

Vapour density Not determined

Evaporation rate Not determined

Solubility in Water NIL

Specific gravity 0.76 (Water=1)

Volatile organic compounds 69 %

pH Not applicable

Viscosity > 100 centipoise

(Thin liquid in aerosol)

Melting point Not determined

Flash point -42 C TCC (Dimethyl ether as

propellant)

Flammable Limits - LEL Not applicable

Flammable Limits - UEL Not determined

Autoignition temperature Not determined

3 COMPOSITION

Ingredient Name	CAS number	Percentage
DIMETHYL ETHER	115-10-6	25 - 35
ACETONE	67-64-1	10 - 20
CYCLOHEXANE	110-82-7	10 - 20
PENTANE	109-66-0	10 - 20
NON-VOLATILE COMPONENTS		10.0 - 20.0
TOLUENE	108-88-3	1 - 5

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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.

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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.

Fire Avoidance

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.

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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

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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

DIMETHYL ETHER (115-10-6)

NOHSC EXPOSURE STANDARDS: TWA 400ppm 760mg/m3 STEL 500ppm 950mg/m3

ACETONE (67-64-1)

NOHSC EXPOSURE STANDARDS: TWA 500ppm 1185mg/m3 STEL 1000ppm 2375mg/m3

CYCLOHEXANE (110-82-7)

NOHSC EXPOSURE STANDARDS: TWA 100ppm 350mg/m3 STEL 300ppm 1050mg/m3

PENTANE (109-66-0)

NOHSC EXPOSURE STANDARDS: TWA 600ppm 1770mg/m3 STEL 750ppm 2210mg/m3

TOLUENE (108-88-3)

NOHSC EXPOSURE STANDARDS: TWA 100ppm STEL 150ppm 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.

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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

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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.

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