

3M Canada Company
1840 Oxford Street East, Post Office Box 5757
London, Ontario N6A 4T1
Medical Emergency Telephone: (519) 451-2500, Ext. 2222
Transportation Emergency Telephone (CANUTEC): (613) 996-6666

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Material Safety Data Sheet

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Document id : 11-0085-8 Issue date : 2007/06/04
Version : 15.00 Supersedes date : 2004/08/11

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Prepared by: Corporate Regulatory Services, 3M Canada Company
Telephone: (800) 364-3577, Fax: (800) 603-7758, Web Site: www.3M.ca

1 Product Identification

Tradename:
3M(TM) SPRAY DISC ADHESIVE, P.N. 08054 (INACTIVE)
Product ID:
62-4655-3709-0 CS-0406-6970-0 CS-0406-6987-4 CS-0406-7019-5
Intended Use of Product:
ADHESIVES
Division:
AUTOMOTIVE AFTERMARKET

2 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
DIMETHYL ETHER	115-10-6	30 - 60
Non-Volatile Components	Trade Secret	10 - 30
PENTANE	109-66-0	10 - 30
ACETONE	67-64-1	5 - 10
CYCLOHEXANE	110-82-7	5 - 10

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

3 Hazards Identification

Critical Hazards:

Extremely flammable liquid and vapour.

See Sections 7 and 11 for further information.

4 First Aid Measures

Instructions for Eye Contact:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

Instructions for Skin Contact:

Flush skin with large amounts of water. If irritation persists, get medical attention.

Instructions for Inhalation:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Instructions for Ingestion:

Do not induce vomiting. Drink two glasses of water. Call a physician.

5 Fire Fighting Measures

Flash point:

- 45.6 C

Lower Explosive Limit (%):

Not applicable

Upper Explosive Limit (%):

Flammable Gas

Autoignition temperature:

Not available

Suitable Extinguishing Media:

Carbon Dioxide; Dry chemical; Foam;

Exposure Hazards during Fire:

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.

Combustion Products from Fire:

Carbon monoxide and carbon dioxide; Toxic vapours, gases or particulates;

Fire Fighting Procedures:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

NFPA: Health

2

NFPA: Fire

4

NFPA: Reactivity

0

NFPA: Unusual Reaction Hazard

none

NFPA: Aerosol Storage

Level 2

6 Accidental Release Measures

Personal Precautions:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

Spill Response:

Ventilate the area with fresh air. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Contain spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Cover with absorbent material. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in an approved metal container.

Methods for Disposal:

Incinerate in a permitted hazardous waste incinerator. Facility must be capable of handling aerosol cans. Dispose of empty product containers in a sanitary landfill.

7 Handling and Storage

Storage Requirements:

Store in a cool place. Store at temperatures below 120 degrees F (49 degrees C).

Incompatible Materials:

Heat;

Ventilation:

No data available.

Fire Prevention:

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

Explosion Prevention:

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Prevent all sources of ignition.

Use Instructions:

Do not pierce or burn container, even after use.

8 Exposure Controls/Personal Protection

Personal Protection

Eye Protection:

Avoid eye contact with vapours, mists, or spray. The following should be worn alone or in combination, as appropriate, to prevent eye contact: Indirect vented goggles; Safety glasses with side shields

Hand Protection:

Wear appropriate gloves when handling this material. The following glove material(s) are recommended: butyl rubber; neoprene;

Skin Protection:

Avoid skin contact.

Respiratory Protection:

Avoid breathing of vapours, mists or spray. Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations: half-mask organic vapour respirator; full-face organic vapour respirator;

Ingestion (Prevention):

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Do not ingest. Keep out of the reach of children.

Recommended Ventilation:

Do not use in a confined area or areas with little or no air movement. Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Ingredient Exposure Data

DIMETHYL ETHER (115-10-6)

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

164000 ppm

Exposure Limits

CMRG: TWA 1000 ppm

AIHA: TWA 1000 ppm

Non-Volatile Components (Trade Secret)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

PENTANE (109-66-0)

LD50 (rat, oral)

> 2000 mg/kg

LC50 (rat, inhalation/4 hours)	364 g/m3
Exposure Limits	
ACGIH: TWA	1770 mg/m3
ACGIH: TWA	600 ppm
ACETONE (67-64-1)	
LD50 (rat, oral)	5800 mg/kg
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
ACGIH: TWA	500 ppm (Table A4)
ACGIH: TWA	1780 mg/m3 (Table A4)
ACGIH: STEL	750 ppm (Table A4)
ACGIH: STEL	2380 mg/m3 (Table A4)
CYCLOHEXANE (110-82-7)	
LD50 (rat, oral)	12,705 mg/kg
LC50 (rat, inhalation/4 hours)	13.9 mg/l
Exposure Limits	
ACGIH: TWA	100 ppm

9 Physical and Chemical Properties

Physical form,Color,Odour:	Liquid in aerosol container; amber; solvent odour;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Compressed Gas;
Melting point/melting range:	Not available
Vapour pressure:	Compressed Gas;
Water Solubility:	Nil
Specific gravity:	0.716 Water=1
Vapour density:	Not available
Volatile organic compounds:	73 % by weight
Evaporation rate:	Not available
Viscosity:	Not applicable
Percent Volatile:	82 % by weight

10 Stability and Reactivity

Conditions to Avoid:
Store away from heat;

Materials to Avoid:
None known.

Hazardous Decomposition:
Carbon monoxide and carbon dioxide; Toxic vapours, gases or particulates;

Stability and Reactivity:
Stable. Hazardous polymerization will not occur.

11 Toxicological Information

Effects from Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Effects from Skin Contact:

Mild Skin Irritation: Signs/symptoms can include localized redness, swelling, and itching.

Effects from Inhalation:

Intentional concentration and inhalation may be harmful or fatal.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, 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.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

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.

Effects from Ingestion:

Ingestion is not a likely route of exposure to this product.

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Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

Chemical (Aspiration) Pneumonitis: Signs/symptoms can include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish colored skin (cyanosis), and possibly death.

Sensitization Information:

No data available.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.
Reproductive Effects:
No data available.
Component Based Information:
No data available.
Product Based Information:
No data available.

12 Ecological Information

Environmental Data:
Ecotoxicity Data:
No data available.
Ecofate Data:
Other Effects and Information:
Not determined. Since regulations vary, consult applicable
regulations or authorities before disposal.

13 Disposal Considerations

Product as Sold:
No data available.
Product Packaging:
No data available.
Special Instructions:
Since regulations vary, consult applicable regulations or
authorities before disposal.

14 Transportation Information

Transportation of Dangerous Goods

TDG Classification:	Consumer Commodity
Class/Division:	2.1
Special Information:	

International Dangerous Goods Classification

15 Regulatory Information

WHMIS Classification: For Export Only.

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

TSCA - Toxic Substances Control Act (USA)

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:

Update Tradename (Obsolete product)

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