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## MATERIAL SAFETY DATA SHEET

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### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

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Tradename:

3M(TM) DISPLAYMOUNT ADHESIVE UK-7806

3M Product ID:

GS-2000-3420-4 GS-2000-3491-5 GS-2000-3489-9

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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient name and classification	CAS number	Percentage
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NONVOLATILE COMPONENTS	---	20 - 30
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ACETONE	67-64-1	15 - 25
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EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (F,Xi;  
R:11-36-66-67)

PROPANE	74-98-6	10 - 20
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EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F+;  
R:12)

HEPTANES	92045-53-9	7 - 13
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EU Hazard Symbols and Risk Phrases: EU - Adaptation 22 (T;  
R:Carc.Cat.2;45-65) EU - Additional Vendor Classification(N;

R:51/53)

DIMETHYL ETHER 115-10-6 7 - 13

EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F+; R:12)

HEXANE ISOMERS 64742-49-0 5 - 10

EU Hazard Symbols and Risk Phrases: EU - Adaptation 22 (T; R:Carc.Cat.2;45-65) EU - Additional Vendor Classification(F,Xi,N; R:11-38-51/53-67)

BUTANE 106-97-8 3 - 7

EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F+; R:12)

PENTANE 109-66-0 1 - 5

EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (F+,N,Xn; R:12-51-53-65-66-67)

ISOBUTANE (CONTAINING <0.1% BUTADIENE) 75-28-5 1 - 5

EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F+; R:12)

ISOPENTANE 78-78-4 0.5 - 1.5

EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (F+,N,Xn; R:12-51-53-65-66-67)

HEXANE 110-54-3 0 - 0.4

EU Hazard Symbols and Risk Phrases: EU - Adaptation 29 (F,Xi,Xn,N; R:11-38-48/20-51/53-Repr.Cat.3;62-65-67)

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### 3 HAZARDS IDENTIFICATION

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#### Critical hazards:

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Harmful to aquatic organisms. May cause longterm adverse effects in the aquatic environment.

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### 4 FIRST-AID MEASURES

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#### Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

#### Skin Contact:

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

#### Inhalation:

Remove person to fresh air. If signs/symptoms persist, get medical attention.

#### Ingestion:

Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

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### 5 FIRE-FIGHTING MEASURES

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#### Suitable Extinguishing Media:

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

#### Exposure Hazards:

Closed containers exposed to heat from fire may build pressure and explode.

#### Hazardous Decomposition:

Carbon monoxide - During Combustion. Carbon dioxide - during combustion. Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

#### Fire-Fighting Procedures:

Wear full protective equipment and a self-contained breathing apparatus.

#### Special Instructions:

Aerosol container contains flammable material under pressure.

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### 6 ACCIDENTAL RELEASE MEASURES

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### Personal Precautions:

Observe precautions from other sections. Ventilate the area.

**WARNING !** A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. If it can be done safely, place the leaking container in an exhaust hood or well-ventilated area. Contain spilled material. Clean up residue. Place depressurised can and clean up wastes in a closed container approved for transportation by appropriate authorities.

### Methods for Cleaning up:

Evacuate unprotected and untrained personnel from hazard area.

The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools.

Ventilate the area with fresh air.

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## 7 HANDLING AND STORAGE

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### Precautions for Safe Storage:

Store away from heat.

### Fire Prevention:

No smoking while handling this material. Flammable liquefied gas. Do not spray near flames or sources of ignition. Aerosol container contains flammable gas under pressure.

### Precautions for Safe Handling:

Do not pierce or burn container, even after use.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Eye Protection:

Avoid eye contact with vapours, mists, or spray.

### Skin Protection:

Gloves not normally required. Avoid prolonged or repeated skin contact.

### Respiratory Protection:

Avoid inhalation of vapours, mists or spray.

### Ingestion:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

### Recommended Ventilation:

Use with appropriate local exhaust ventilation. Do not use in a confined area or areas with little or no air movement. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapour, or spray. If ventilation is not adequate, use respiratory protection equipment. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

### Exposure Limits:

#### ACETONE (67-64-1)

UK HSE TWA: 500 ppm; 1210 mg/m<sup>3</sup> OES

UK HSE STEL: 1500 ppm; 3620 mg/m<sup>3</sup> OES

#### PROPANE (74-98-6)

UK HSE TWA: Asphyxiant OES

#### DIMETHYL ETHER (115-10-6)

UK HSE TWA: 400 ppm, 766 mg/m<sup>3</sup>

UK HSE STEL: 500 ppm, 958 mg/m<sup>3</sup>

CMRG TWA Exposure Limit: 1000 ppm

#### BUTANE (106-97-8)

UK HSE TWA: 600 ppm; 1450 mg/m<sup>3</sup> OES

UK HSE STEL: 750 ppm; 1810 mg/m<sup>3</sup> OES

#### PENTANE (109-66-0)

UK HSE TWA: 600 ppm; 1800 mg/m<sup>3</sup> OES

UK HSE STEL: 750 ppm; 2250 mg/m<sup>3</sup> OES

#### ISOPENTANE (78-78-4)

UK HSE TWA: 600 ppm; 1800 mg/m<sup>3</sup> OES

UK HSE STEL: 750 ppm; 2250 mg/m<sup>3</sup> OES

#### HEXANE (110-54-3)

UK HSE TWA: 20 ppm; 72 mg/m<sup>3</sup> OES

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odour: Gas, transparent - white liquid in aerosol, strong ketone odour.

pH: Not applicable

Boiling point/boiling range: Not applicable

Melting point/melting range: Not applicable

Flash point: -46 C

Autoflammability: Not determined

Vapour pressure: Not determined

Water Solubility: Nil

Specific gravity: 0.65

Vapour density: > 1

Percent Volatile: 88.5 %

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## 10 STABILITY AND REACTIVITY

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Conditions to Avoid:  
Sparks and/or Flames.

Materials to Avoid:  
None known.

Hazardous Decomposition:  
NONE. Hazardous polymerisation will not occur. Stable.

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## 11 TOXICOLOGICAL INFORMATION

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### Effects from Eye Contact:

Sprayed material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

### Effects from Skin Contact:

Mild Skin Irritation: signs/symptoms may include localised redness, swelling, and itching.

### Effects from Inhalation:

Sprayed material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, hoarseness, wheezing, breathing difficulty, nose and throat pain, coughing up blood, and non respiratory effects such as painful and watery eyes.

### Effects from Ingestion:

Gastrointestinal Effects: Signs/symptoms may include stomach upset, nausea, vomiting and diarrhoea.

### Other Effects and Information:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

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## 12 ECOLOGICAL INFORMATION

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### Ecotoxicity Data:

Not determined.

### Ecofate Data:

Not determined.

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## 13 DISPOSAL CONSIDERATIONS

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**Product as Sold:**

Incinerate in an industrial or commercial facility. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste. Incinerate at a facility equipped to handle gaseous waste. Facility must be capable of handling aerosol cans.

**Special Instructions:**

Since regulations vary, consult applicable regulations or authorities before disposal.

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**14 TRANSPORT INFORMATION**  
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**UN NUMBER:**

UN number: UN1950

**UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:**

Substance Identification Number: UN1950

Class: 2.0

Packing Group: Not applicable

Proper Shipping Name: Aerosols

**ADR/RID CLASSIFICATION:**

Class: 2.1

ADR classification: 5 f

**ICAO/IATA CLASSIFICATION:**

Class: 2.1

Sub-Risk: Not applicable

Packing Group: Not applicable



Proper Shipping Name:                   Aerosols, flammable. LIMITED  
  QUANTITY.

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## 15 REGULATORY INFORMATION

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Disclosable Ingredients:  
ACETONE, Heptanes, Hexanes, Pentane.

Symbol(s):  
(F+) Flame (Extremely Flammable).

Risk Phrases:  
(R12) Extremely flammable. (R66) Repeated exposure may cause skin dryness or cracking. (R67) Vapours may cause drowsiness and dizziness. (R52/53) Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety Phrases:  
Keep away from heat. Keep away from sources of ignition including pilot lights and sparks. No smoking. Do not breathe vapour or spray. Use only in well ventilated areas. Avoid contact with the skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. WARNING! Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Do not pierce or burn, even after use. Do not spray on a naked flame or incandescent material. Avoid release to the environment. Refer to special instructions/safety data sheets. Keep out of the reach of children.

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## 16 OTHER INFORMATION

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Regulatory Information:                The following UK Regulations  
  as amended may affect the  
  product as supplied: The  
  Chemicals (Hazard Information  
  and Packaging for supply)  
  Regulations, as amended. The

Carriage of Dangerous Goods  
(Classification, Packaging and  
Labelling) and use of  
Transportable Pressure  
Receptacles Regulations 1996,  
as amended. Carriage of  
Dangerous Goods by Road  
regulations, 1996, as amended.

The Control of Substances  
Hazardous to Health  
Regulations 1999 as amended.

The Special Waste Regulations  
1996, as amended. The  
Environmental Protection Act,  
1990 The Health and Safety at  
Work Act, 1974.

Reissue date/Reason for reissue.

Removed stock numbers and updated sections 2, 5.

Intended Use of Product:

An aerosol used for fixing most porous and non-porous  
materials including polystyrene and foams.

The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.