
MATERIAL SAFETY DATA SHEET

DISPLAY MOUNT

Revision Date: 040/03/2005

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING
1.1. PRODUCTS IDENTIFICATION: Display Mount

1.2. USE OF SUBSTANCE: No information supplied

1.3. COMPANY:	3M UK Plc 3M Centre Cain Road Bracknall Berkshire RG12 8HT Telephone Number: 01344 858000 e-mail: tox.uk@mmm.com	3M Ireland 3M House Adelphi Centre Dun Laoghaire Co. Dublin
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1.4. EMERGENCY TELEPHONE: 01344 858000
2. HAZARDS IDENTIFICATION

Critical Hazards:

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percentage	EU Hazard Symbols and Risk Phrases
NON VOLATILE COMPONENTS		20-30%	
ACETONE	67-64-1	15-25%	EU - Adaptation 25 (F,Xi; R:11-36-66-67)
PROPANE	74-98-6	10-20%	EU - Adaptation 21 (F+; R:12)
HEPTANES	92045-53-9	7-13%	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 - Adaptation 21 (F+; R:12)
HEXANE ISOMERS	64742-49-0	5-10%	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 - Adaptation 21 (F+; R:12)
PENTANE	109-66-0	1-5%	EU - Adaptation 25 (F+,N, Xn; R:12-51-53-65-66-67)
ISOBUTANE (containing < 0.1% butadiene)	75-28-5	1-5%	EU - Adaptation 21 (F+; R:12)
ISOPENTANE	78-78-4	0.5-1.5%	EU - Adaptation 25 (F+,N, Xn; R:12-51-53-65-66-67)
HEXANE	110-54-3	0-0.4%	EU - Adaptation 29 (F,Xi, Xn,N; R:11-38-48/20-51/53- Repr.Cat.3;62-65-67)

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4. FIRST-AID MEASURES**Inhalation:**

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

Skin contact:

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

Eye contact:

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

Ingestion:

Do not induce vomiting

Give victim 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishers:**

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 oxidisation, 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

6. ACCIDENTAL RELEASE MEASURES**Personal Protection:**

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 waste in a closed container approved for transportation by appropriate authorities.

Methods for Cleaning Up:

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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

7. HANDLING AND STORAGE**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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Eye Protection:**

Avoid 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 ³ OES
UK HSE STEL:	1500 ppm; 3620 mg/m ³ OES

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PROPANE (74-98-6)	
UK HSE TWA:	Asphyxiant OES
DIMETHYL ETHER (115-10-6)	
UK HSE TWA:	400 ppm; 766 mg/m ³
UK HSE STEL:	500 ppm; 958 mg/m ³
CMRG TWA Exposure Limit:	1000 ppm
BUTANE (106-97-8)	
UK HSE TWA:	600 ppm; 1450 mg/m ³ OES
UK HSE STEL:	750 ppm; 1810 mg/m ³ OES
PENTANE (109-66-0)	
UK HSE TWA:	600 ppm; 1800 mg/m ³ OES
UK HSE STEL:	750 ppm; 2250 mg/m ³ OES
ISOPENTANE (78-78-4)	
UK HSE TWA:	600 ppm; 1800 mg/m ³ OES
UK HSE STEL:	750 ppm; 2250 mg/m ³ OES
HEXANE (110-54-3)	
UK HSE TWA:	20 ppm; 72 mg/m ³ OES

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Gas, transparent – white liquid in aerosol
Odour:	Strong ketone odour
pH:	N/A
Boiling point/range:	N/A
Melting point/range:	N/A
Flash point:	-46°C
Auto-flammability:	Not determined
Vapour pressure:	Not determined
Water Solubility:	Nil
Specific Gravity:	0.65
Vapour density:	> 1
% Volatile:	88.5%

10. STABILITY AND REACTIVITY**Conditions to avoid:**

Sparks and/or flames

Materials to avoid:

None known

Hazardous decomposition products:

Hazardous polymerisation will not occur

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11. TOXICOLOGICAL INFORMATION**Eye Contact:**

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

Skin Contact:

Mild skin irritation: signs/symptoms may include localised redness, swelling and itching

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.

Ingestion:

Gastrointestinal effects: signs/symptoms may include stomach upset, nausea, vomiting and diarrhoea

Other Effect and Information:

Central nervous system (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, in coordination, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness.

12. ECOLOGICAL INFORMATION**Ecotoxicity Data:**

Not determined

Ecofate Data:

Not determined

13. DISPOSAL CONSIDERATIONS**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

14. TRANSPORT INFORMATION**UN NUMBER:****UN No:**

UN1950

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UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance ID Number: UN1950
Class: 2.0
Packing Group: Not applicable
Proper Shipping Name: Aerosols

ADR/RID CLASSIFICATION:

Class: 2.1
ADR Classification: 5F

ICAO/IATA CLASSIFICATION:

Class: 2.1
Sub Risk: Not applicable
Packing Group: Not applicable
Proper Shipping Name: Aerosols, flammable. LIMITED QUANTITY

15. REGULATORY INFORMATION**Disclosable Ingredients:**

ACETONE, Heptanes, Hexanes, Pentane

Symbols:

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:**16. OTHER INFORMATION**

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