

3M UK PLC  
3M HOUSE, PO BOX 1, MARKET PLACE,  
BRACKNELL, BERKSHIRE RG12 1JU  
Tel: 01344 858000

=====

MATERIAL SAFETY DATA SHEET

=====

Document id : 17-8672-2 Issue date : 29/08/2002  
Version : 1.01 Supersedes date : 29/08/2002  
Document status : Issued Format : 1

-----

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

-----

Tradename:  
3M(TM) ART AND HOBBY ADHESIVE UK-7806

3M Product ID:  
GS-2000-3400-6 GS-2000-3405-5

-----

2 COMPOSITION/INFORMATION ON INGREDIENTS

-----

Ingredient name and classification	CAS number	Percentage
NONVOLATILE COMPONENTS	---	20 - 30
ACETONE	67-64-1	15 - 25
EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (F,Xi; R:11-36-66-67)		
PROPANE	74-98-6	10 - 20
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (FP; R:12)		
DIMETHYL ETHER	115-10-6	5 - 15
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (FP; R:12)		
HEPTANES	92045-53-9	7 - 13
EU Hazard Symbols and Risk Phrases: T; R:45-65		
HEXANES	64742-49-0	5 - 10
EU Hazard Symbols and Risk Phrases: T; R:45-65		
BUTANE	106-97-8	3 - 7
EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (FP; R:12)		
PENTANE	109-66-0	1 - 5
EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (FP,N,Xn; R:12-51-53-65-66-67)		
ISOBUTANE	75-28-2	1 - 5
ISOPENTANE	78-78-4	0.5 - 1.5
EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (FP,N,Xn; R:12-51-53-65-66-67)		
N-HEXANE	110-54-3	Less Than 0.4
EU Hazard Symbols and Risk Phrases: EU - Adaptation 25 (F,Xi,Xn,N; R:11-38-48/20-51-53-62 Fert.Cat.3-65-67)		



---

---

### 3 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.

---

---

### 4 FIRST-AID MEASURES

---

---

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:

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

Ingestion:

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

---

---

### 5 FIRE-FIGHTING MEASURES

---

---

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:

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 clothing, including helmet, self-contained positive pressure or pressure demand breathing

apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

---

Special Instructions:

Aerosol container contains flammable material under pressure.

---

---

6 ACCIDENTAL RELEASE MEASURES

---

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.

---

---

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 eye contact with vapours, mists, or spray.

Hand Protection:

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. Keep out of the

reach of children.

Recommended Ventilation:

Use with appropriate local exhaust ventilation. Do not use in a confined area or areas with little or no air movement.

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

N-HEXANE (110-54-3)

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

---

9 PHYSICAL AND CHEMICAL PROPERTIES

---

Appearance and Odour:	Gas - white transparent 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: Greater than 1  
Percent Volatile:  
-----

-----  
10 STABILITY AND REACTIVITY  
-----

Conditions to Avoid:  
Spark and /or flames.

Materials to Avoid:

Hazardous Decomposition:  
Hazardous polymerisation will not occur. Stable.

-----  
11 TOXICOLOGICAL INFORMATION  
-----

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.

-----  
12 ECOLOGICAL INFORMATION  
-----

Other Effects and Information:  
Not determined.



3M(TM) ART AND HOBBY ADHESIVE UK-7806

-----  
-----  
13 DISPOSAL CONSIDERATIONS  
-----

Product after Use:

As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

Special Instructions:

Incinerate in an industrial or commercial facility. Dispose of completely absorbed waste product in a landfill or facility licenced to handle chemical waste. Incinerate at a facility equipped to handle gaseous waste. Facility must be capable of handling aerosol cans. Since regulations vary, consult applicable regulations or authorities before disposal.

-----  
-----  
14 TRANSPORT INFORMATION  
-----

UN NUMBER:

UN number: UK1950

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number: UN1950  
Class: 2.0  
Packing Group: Not applicable  
Proper Shipping Name: Aerosols  
CDG-ROAD (if applicable) Not applicable

ADR/RID CLASSIFICATION:

Class: 2.0  
Item Number: 5 f

ICAO/IATA CLASSIFICATION:

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



-----  
-----  
15 REGULATORY INFORMATION  
-----  
-----

Precautionary Label Information:

Symbol(s):

Flame (Extremely Flammable)

Risk Phrases:

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.

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.

-----  
-----  
16 OTHER INFORMATION  
-----  
-----

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 Petroleum (Consolidation) Act 1928.

The

Control of Substances  
Hazardous to Health  
Regulations 1999 as amended.

3M(TM) ART AND HOBBY ADHESIVE UK-7806

---

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 3M ID stock number.

Intended Use of Product:  
Bonding of paper, card, fabric and other craft materials.

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.

