

Safety Data Sheet

JM800 Contact Spray Adhesive

1.) Identification of the preparation and the company:

Product Name: JM800 Contact Spray Adhesive
Supplier: Morleys Ltd
Unit 2 Higher Walton Mill
Higher Walton
Preston
PR5 4DJ
Emergency Telephones: 01772 626700

2.) Composition/information on ingredients:

Ingredient	CAS	EINECS	CONTENTS %	HEALTH (class)	RISK (r phrases)
Butane/isobutene	106-97-7	203-448-7	20-30	F+	R12
Propane	74-98-6	200-827-9	20-30	F+	R12
Dichloromethane	75-09-2	200-383-9	35-50	Xn	R40

3.) Hazards Identification:

Pressurised Container
Extremely flammable. May form a flammable or explosive mixture with air during use.
Contains a Category 3 carcinogen. Limited evidence of carcinogenic effect.
Solvent abuse can kill instantly.

4.) First Aid Measures:

GENERAL: Move the exposed person to fresh air at once.

EYES: Promptly wash eyes with lots of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

SKIN: Promptly wash contaminated skin with soap or mild detergent and water.
Promptly remove clothing if soaked through and wash as above.

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Rinse mouth thoroughly. Do not induce vomiting. Get medical attention immediately.

5.) Fire Fighting Measures:

EXTINGUISHING MEDIA: Water spray, fog or mist, carbon dioxide (CO₂), foam.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective but use to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Water spray may be used to flush spills away and dilute spills to non-flammable mixtures. Use water spray to reduce vapours. Warn fire fighters that aerosols are involved.

6.) Accidental Release Measures:

SPILL CLEANUP METHODS: Extinguish all ignition sources. Provide ventilation. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste.

7.) Handling And Storage

USAGE PRECAUTIONS: Keep away from heat, sparks and open flames. Read and follow manufacturer's recommendations. Do not spray near a naked flame or any incandescent material.

STORAGE PRECAUTIONS: Flammable/combustible store at moderate temperatures in a dry, well ventilated area. Keep away from heat, sparks and open flames. Protect from sunlight and do not expose to temperatures exceeding 50°C.

8.) Exposure controls and personal protection:

Ingredient	CAS No.	Einecs	STD	L.T.(8Hr.TWA)	S.T.(15MIN)
Dichloromethane	75-09-2	200-838-9	MEL	100 PPM (Sk)	300 ppm (Sk) Bmgv
Propane	74-98-6	200-827-9		Asphyxiating	Asphyxiating
Butane/Isobutane	106-97-8	203-448-7	OES	660ppm	750ppm

VENTILATION: No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation. If, following workplace assessment, OEL is likely to be exceeded due to use where natural ventilation is insufficient suitable respirator with organic vapour cartridge must be worn.

SKIN PROTECTION: Wear suitable gloves, PVC, if skin contact is likely. Protective clothing with elasticated cuffs. PVC boots.

EYE PROTECTION: Wear splash-proof eye goggles to prevent any possibility of eye contact.

GENERAL: Do not smoke when using this product.

9.) Physical and chemical properties:

APPEARANCE: Pressurised container containing a mixture of active ingredients, solvents and propellants.

ODOUR solvent

PHYSICAL DATA COMMENTS: A Flash Point method is not available for aerosols but the major hazardous component, the propellant, has a Flash Point of <-40°C with flammability limits of 9.5% vol. Upper and 1.8% vol. Lower. Auto-ignition temperature is 410/580°C.

10.) Stability and reactivity:

STABILITY: Highly volatile.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition.

11.) Toxicological information:

HEALTH WARNINGS: Gas or vapour is harmful on prolonged contact or in high concentrations. Toxic through skin absorption. Contains suspected human carcinogen. Narcotic effect. Drowsiness and dizziness. Concentrating and inhaling the gas/spray can lead to abnormal heart rhythms and possibly death.

ROUTE OF ENTRY: Inhalation. Skin absorption.

TARGET ORGANS: Central nervous system. Respiratory system, lungs. Liver.

MEDICAL SYMPTOMS: Narcotic effect. Drowsiness. Dizziness.

ACUTE AND CHRONIC HEALTH HAZARDS: Repeated exposure may cause upper respiratory irritation. Defatting, drying and cracking of skin.

12.) Ecological information:

ENVIRONMENTAL HAZARDS: Information is not available on the product, does not contain any ingredients listed as harmful to the aquatic environment. The product contains Volatile Organic Compounds which when released to air, in larger quantities, have the potential for photochemical ozone creation.

13.) Disposal considerations:

Dispose of in accordance with all local, regional, national and the EEC regulations. Receptacles must be empty and pierced through disc near neck for disposal.

14.) Transport information:

<u>ROAD (GB):</u> MARK: Liquefied Gas, Flammable NOS, LABEL FOR CONVEYANCE: Flammable Gas (Class 2)	<u>ROAD (GB):</u> MARK: 3161, Liquefied Gas, Flammable NOS, 2°F, ADR LABEL FOR CONVEYANCE: Label Model Number 3, Flammable.
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15.) Regulatory information:

LABEL FOR SUPPLY: Extremely flammable (orange/black with flame symbol) Harmful (St. Andrew's Cross)

RISK PHRASES: R-12 Extremely flammable.
R-40 Limited evidence of a carcinogenic effect.

SAFETY PHRASES: S-16 Keep away from sources of ignition – No Smoking
S-23 Do not breathe spray or vapour.
S-24 Avoid contact with skin.
S-36/37 Wear suitable protective clothing and gloves.
S-51 Use only well-ventilated areas.
S-58 To be disposed of as hazardous waste.

UK REGULATORY REFERENCES: classification, Packaging and Labelling Regulations 1984. Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988. H.S.E EH40/2002 Occupational Exposure Limits 2002. The Chemicals (Hazard Information & Packaging for Supply) Regulations 2002.

EC DIRECTIVES: Dangerous Preparations Directive 1999/45/EEC. Labelling Directive 91/155/EEC as amended by 93/112/EEC.
Safety Data Sheet Directive 91/155/EEC

16.) Other Information:

The information contained in this Data Sheet is provided in accordance with the Chemicals (Hazard Information & Packaging for Supply). Regulations 2002. It does not constitute the user's own assessment of work place risks as required by other health and safety legislation. The provisions of the Health and Safety at Work Act etc. and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

As the specific conditions of use of the product are outside the suppliers control the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.

Issued January 2003

