

SAFETY DATA SHEET

FAST-FIX HIGH TEMPERATURE

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: Fast-Fix High Temperature Spray Adhesive
SUPPLIER: AS-Essentials Group
EMERGENCY TELEPHONES: 01473 327510

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS NO.	EINECS	HEALTH (class)	RISK (R No.)	CONTENTS %
Dichloromethane	75-09-2	200-838-9	Xn	R40	25-50
Butane	106-97-8	203-448-7	Fx	R12	10-25
Propane	74-98-6	200-827-9	Fx	R12	10-25

The full text for all R – Phrases are displayed in section 15.

3. HAZARDS IDENTIFICATION

Extremely flammable. Limited evidence of a carcinogenic effect. Carcinogen category 3.

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material – **NO SMOKING.**

4. FIRST AID MEASURES

INHALATION:	Remove the exposed person immediately to fresh air, keep the patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position. Get prompt medical attention.
INGESTION:	Rinse mouth thoroughly. Do not induce vomiting. Get medical attention immediately.
SKIN:	Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
EYES:	Contact lenses should be removed. Promptly wash eyes with water for at least 15 minutes holding eyelids apart and get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Fire can be extinguished using: Powder, foam or carbon dioxide (CO ₂).
UNUSAL FIRE & EXPLOSION HAZARDS:	Aerosol may explode in fires.
SPECIAL FIRE FIGHTING PROCEDURES:	Use water spray only to cool containers! Do not put water on leaked material. If possible, fight fire from protected position. Wear self contained breathing apparatus.
SPECIFIC HAZARDS:	Toxic gases/vapours/fumes of carbon dioxide (CO ₂). Carbon monoxide (CO).

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION IN SPILL:	Avoid breathing vapour, ensure adequate ventilation. Avoid skin and eye contact. Wear personal protective equipment.
PRECAUTIONS TO PROTECT THE ENVIRONMENT:	Prevent entry into drains and watercourses.

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SPILL CLEANUP METHODS:

Extinguish all sources of ignition. Avoid sparks, flames, heat and smoking. Ventilate. Absorb onto sand, earth or absorbent granules. Pick up with non sparking tools & place into metal containers with sealable lids. Mark the containers with details of hazards and store in designated areas ready for disposal.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Avoid spillage, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above acceptable level. Do not pierce or burn even when empty.

STORAGE PRECAUTIONS:

Flammable/combustible – keep away from oxidisers, heat, sparks and open flames. Store at moderate temperatures in dry, well ventilated area. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS. No:	EINECS	STD	LT EXP 8hrs	ST EXP 15Mi
Dichloromethane	75-09-2	200-838-9	MEL	100 ppm	300ppm
Butane	106-97-8	200-448-7	OES	600 ppm	750ppm
Propane	74-98-6	200-827-9		Asphyxiating	Asphyxiating

PROTECTIVE EQUIPMENT:**VENTILATION:**

Provide adequate ventilation to ensure the airborne concentration does not exceed the above levels. Ensure there are no sources of ignition.

RESPIRATORY PROTECTION:

Adequate respiratory protection must be used if air concentration exceeds acceptable level.

HAND PROTECTION:

Protective gloves must be used if there is risk of direct contact or splash. Use protective gloves made of: Nitrile.

EYE PROTECTION:

Wear splash proof goggles to prevent any possibility of eye contact.

SKIN PROTECTION:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES: Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol
COLOUR: Clear
ODOUR/TASTE: Chlorinated hydrocarbons/solvent
PHYSICAL DATA COMMENTS: Can pressure 70psi
DENSITY/SPECIFIC GRAVITY (v/ml) 0.74
SOLUBILITY DESCRIPTION: Soluble in chlorinated hydrocarbons.
FLASH POINT (°C): - 40 (propellant)

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions. Stable at room temperature.

CONDITIONS TO AVOID: Heat. Hot surfaces. Sources of ignition. Flames.

MATERIAL TO AVOID: Strong oxidising agents. Strong acids and strong alkalis.

HAZ. DECOMP. PRODUCTS: In combustion emits toxic fumes of carbon dioxide/ carbon monoxide. In combustion emits toxic fumes of hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

INHALATION: Harmful by inhalation. Vapour may effect central nervous system and cause headache, discomfort, vomiting or intoxication. Gas or vapour may irritate respiratory system.

INGESTION: May cause discomfort if swallowed.

SKIN: Prolonged or repeated contact leads to drying of skin. May cause sensitisation by skin contact.

EYES: Spray and vapour in eyes may cause irritation and smarting.

OTHER HEALTH EFFECTS: Carcinogen category 3.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Contamination of the terrestrial and aquatic environments should be avoided. Dichloromethane has a low bio – accumulation potential, very low toxicity to fish and is readily biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements. Empty containers must not be burned because of explosion hazard.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UN No. ROAD:	1950
UK ROAD TRANSPORT CLASS:	2
UK ROAD PACK GR.:	Not Applicable
ADR CLASS No.:	2
ADR CLASS:	2 Gases
ADR PACK GR.:	Not Applicable
ADR LABEL No.:	2.1
PROPER SHIPPING NAME:	AEROSOLS
RID CLASS No.:	2
RID CLASS GR.:	Not Applicable
UN No. SEA:	1950
IMDG CLASS:	2
IMDG PACK GR.:	Not Applicable
MARINE POLLUTANT:	No.
UN No. AIR:	1950
AIR SUB CLASS:	6.1
AIR PACK GR.:	Not Applicable
AIR CLASS:	2.1

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



Harmful



Extremely
Flammable

CONTAINS:

DICHLOROMETHANE

RISK PHRASES:

R-12 Extremely Flammable.
R-40 Limited evidence of carcinogenic effect.

SAFETY PHRASES:

S-2 Keep out of reach of children.
S-13 Keep away from food, drink and animal feeding stuffs.
S-16 Keep away from all sources of ignition – NO SMOKING.
S-23 Do not breathe spray.
S-24/25 Avoid contact with skin and eyes.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-36/37/39. Wear suitable protective clothing, gloves and eye/face protection.
S-46 If swallowed seek medical advice immediately and show this container or label.
S-51 Use only in well ventilated areas.

16. OTHER INFORMATION

USER NOTES:

This product should be used as directed by Aerosol & Fluid Technology Limited. For further information consult the product data sheet or contact Technical Services.

APPLICATION EVALUATION:

An evaluation of this product should be carried out in application conditions before commercial use is undertaken. This should also include a reference to ageing.

SHELF LIFE:

Unless stated otherwise this product has a shelf life of 12 months from purchase date.

LIMITATIONS:

This product is not suitable for highly plasticised PVC.

CAUTION:

Pressurised container. Do not expose to temperatures exceeding 50°C. Protect from sunlight. Do not puncture or incinerate even when empty. Do not spray onto naked flame or any incandescent material.

DISPOSAL CONSIDERATIONS:

This material and its container must be disposed of in a safe way.

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INFORMATION SOURCES: This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

REVISION COMMENTS: This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact AS-Essentials.

ISSUE: F/1

REVISION DATE: FEBRUARY 2008

REVIEW DATE: MARCH 2009

This advice is given by AS-Essentials who accepts no legal liability for it. The information herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore, be construed as guaranteeing specific properties.