

SAFETY DATA SHEET

PREFIX

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

PRODUCT NAME: Prefix Adhesive

SUPPLIER: Aerosol & Fluid Technology Limited
Unit 8 Berry Hill Industrial Estate
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Stoke on Trent
Staffordshire
ST4 2NL

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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.
EXPOSURE HAZARDS:	Extremely flammable. In combustion emits toxic fumes. Forms explosive air – vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
PROTECTIVE MEASURES IN FIRE:	Wear self contained breathing apparatus, and appropriate protective clothing.

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.
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 &

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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.

STORAGE PRECAUTIONS:

Store in a dry, well ventilated area at between +5 and +25°C, away from sources of heat, ignition and direct sunlight. Avoid static discharge. No smoking. Observe the label precautions. Store separately from strong oxidising agents, strongly alkaline or strongly acidic materials.

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.

RESPIRATOR 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
BOILING POINT (°C, INTERVAL): 40
DENSITY/SPECIFIC GRAVITY (v/ml) 1.22
SOLUBILITY DESCRIPTION: Slightly soluble in water. 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/ 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 as 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:	2.1
UK ROAD PACK GR.:	Not Applicable
ADR CLASS No.:	2
ADR CLASS:	2
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:	2.1
IMDG PACK GR.:	Not Applicable
EmS No.:	2-13
MARINE POLLUTANT:	No.
UN No. AIR:	1950
ICAO CLASS:	2.1
AIR SUB CLASS:	2.1
AIR PACK GR.:	Not Applicable

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-13 Keep away from food, drink and animal feeding
Stuffs.
S-16 Keep away from all sources of ignition – NO
SMOKING.
S-2 Keep out of reach of children.
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 the adhesive should be carried out in application conditions before commercial use is undertaken. This should also include a reference to ageing.

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.

INFORMATION SOURCES:

This safety data sheet was compiled using current safety information supplied by distributors of raw materials.

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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 Aerosol & Fluid Technology Limited.

ISSUE: E/1

REVISION DATE: October 2006

This advice is given by Aerosol & Fluid Technology Limited who accept 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.