

SAFETY DATA SHEET

Heavy Duty Adhesive

<p>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING.</p>

PRODUCT NAME: Heavy Duty Adhesive

SUPPLIER: Aerosol and Fluid Technology Limited
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2. HAZARDS IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS.

NAME	EC NO.	CAS-NO.	CONTENT	CLASSIFICATION
Butane	203-448-7	106-97-8	30-60%	F+;R12
Butanone	201-159-0	78-93-3	<1%	F;R11;Xi;R36 R66 R67
Dichloromethane	200-838-9	75-09-2	10-30%	Carc. Cat. 3;R40
Propane	200-827-9	74-98-6	30-60%	F+;R12

THE FULL TEXT FOR ALL R-PHRASES ARE DISPLAYED IN SECTION 16.

4. FIRST-AID MEASURES.

INHALATION

Remove the exposed person immediately from source of exposure. Move to fresh air at once. Get medical attention.

INGESTION

DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

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.

EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and seek medical attention.

5. FIRE-FIGHTING MEASURES.

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam, Carbon Dioxide or Dry Powder.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

SPECIFIC HAZARDS

Toxic gases/vapours/fumes of : Carbon Dioxide (CO₂), Carbon Monoxide (CO).

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment. Wear self-contained breathing apparatus.

SPILL CLEAN UP METHODS

Provide ventilation and confine spill. Do not allow run off to sewer. Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling and skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination exceeds the accepted level.

STORAGE PRECAUTIONS

Flammable/combustible – Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in a dry, well ventilated area.

STORAGE CLASS

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
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NAME	STD	TWA – 8HRS		STEL – 15 MIN		NOTES
Butane	WEL	660ppm	1450 mg/m3	750ppm	1810 mg/m3	
Butanone	WEL	200ppm (Sk)	600 mg/m3 (Sk)	300ppm (Sk)	899 mg/m3 (Sk)	
Dichloromethane	WEL	100ppm (Sk)	350 mg/m3 (Sk)	300ppm (Sk)	1060 mg/m3 (Sk)	

WEL = Workplace Exposure Limit

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT:



ENGINEERING MEASURES

Explosion-proof general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask with: Gas cartridge suitable for organic substances.

HAND PROTECTION

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

EYE PROTECTION

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

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

Wash skin promptly if becomes contaminated. Wash hands 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: Chlorinated Hydrocarbons

PHYSICAL DATA COMMENTS: Can pressure 70psi

SOLUBILITY: Slightly soluble in water. Soluble in: Chlorinated Hydrocarbons

BOILING POINT (°C): 4 RELATIVE DENSITY: 0.734

FLASH POINT (°C): - 40

10. STABILITY AND REACTIVITY

STABILITY

Avoid: Heat, Sparks, Flames

MATERIALS TO AVOID

Strong alkalis. Strong acids. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon Monoxide (CO), Carbon Dioxide (CO₂), Phosgene (COCl₂), Hydrogen Chloride (HCl), Chlorine. Slow hydrolysis with water forms Hydrochloric Acid.

11. TOXICOLOGICAL INFORMATION

INHALATION

Harmful by inhalation.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Prolonged contact may cause dryness of the skin. May cause sensitisation by skin contact.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

OTHER HEALTH EFFECTS

Carcinogen Category 3.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION



UK ROAD CLASS: 2

PROPER SHIPPING NAME: AEROSOLS

UN NO. ROAD: 1950

ADR CLASS NO : 2

ADR PACK GROUP : N/A

CEVIC TEC(R) NO.: 20G5T, 20G5TF, 20G5TC, 205TO, 20G5TFC,
20G5TOC

RID PACK GROUP: N/A

IMDG CLASS: 2.1

IMDG PACK GR.: N/A

MFAG: SEE GUIDE

AIR CLASS: 2.1

AIR PACK GR.: N/A

UK ROAD PACK GR: N/A

ADR CLASS: CLASS 2: GASES

ADR LABEL NO.: 2.1 & 6.1

RID CLASS NO.: 2

UN NO. SEA: 1950

IMDG PAGE NO.: 2.1

EMS: F-D, S-U

UN NO. AIR: 1950

15. REGULATORY INFORMATION

LABELLING



CONTAINS

Dichloromethane

RISK PHRASES

R12 Extremely Flammable

R40 Limited Evidence of Carcinogenic effect

SAFETY PHRASES

S2 Keep out of reach of children

S9 Keep container in a well-ventilated place

S13 Keep away from food, drink and animal feeding stuffs

S16 Keep away from sources of ignition – NO smoking

S23 Do not breathe vapour/spray

S36/37/39 Wear suitable protective clothing, gloves, eye/face protection

S51 Use only in well-ventilated areas

S56 Dispose of this material and its container to hazardous or special waste collection point

A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use

A2 Do not spray on a naked flame or any incandescent flame

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health. APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

16. OTHER INFORMATION

GENERAL INFORMATION

This product should be used as directed by AFT Ltd. For further information consult the product data sheet or contact Technical Services.

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 Aerosol and Fluid Technology Ltd.

RISK PHRASES IN FULL

R12 Extremely Flammable

R11 Highly Flammable

R36 Irritating to eyes

R40 Limited evidence of a Carcinogenic effect

R66 Repeated exposure may cause skin dryness or cracking

R67 Vapours may cause drowsiness and dizziness

ISSUE:	H/1
REVISION DATE:	SEPTEMBER 2011
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This advice is given by Aerosol & Fluid Technology Limited 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.

