

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ANCHORFIX Aerosol Adhesive

SUPPLIER: Redwood UK Ltd
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2 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

3 HAZARDS IDENTIFICATION

MAIN HAZARDS: Flammable. Limited evidence of a carcinogenic effect.

4 FIRST AID MEASURES

GENERAL:
INHALATION: Move victim from source of exposure. Allow victim to recover in fresh air, away from site of exposure. If not breathing apply artificial respiration and seek urgent medical advice.

INGESTION: Do not induce vomiting. Give water to drink and seek medical advice.

SKIN: Wash off with soap and water. If there is irritation seek medical advice.

EYE: Wash eyes immediately with normal saline (if available) or water for at least 10 minutes. If there is any continuing irritation or effects on vision seek medical advice.

5 FIRE FIGHTING MEASURES

RISKS: Highly flammable
SPECIAL PRECAUTIONS: Keep containers cool (below 50°C)

EXTINGUISHING MEDIA: Fire can be extinguished using foam, carbon dioxide or dry powder.

FIRE & EXPLOSION HAZARDS: Aerosol cans may explore in a fire.

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

6 ACCIDENTAL RELEASE MEASURE

For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

PERSONAL PRECAUTIONS DURING SPILL: Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment. Wear self-contained breathing apparatus.

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

7 HANDLING AND STORAGE

STORAGE CONDITIONS: 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.

HANDLING/STORAGE: 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.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION



NAME	STD	TWA – 8 HRS		STEL – 15 MIN	
Butane	WEL	660ppm	1450mg/m ³	750ppm	1810mg/m ³
Butanone	WEL	200ppm (sk)	600/mg/m ³ (sk)	300ppm (sk)	899mg/m ³ (sk)
Dichloromethane	WEL	100ppm (sk)	350mg/m ³ (sk)	300ppm (sk)	1060mg/m ³ (sk)

WEL = Workplace Exposure Limits

RESPIRATORY REQUIREMENTS

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

EYE PROTECTION REQUIREMENTS

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

HAND PROTECTION REQUIREMENTS

Protective gloves must be used if there is risk of direct contact. Use protective gloves made of nitrile.

CLOTHING REQUIREMENTS

Wear protective clothing to prevent repeated or prolonged skin contact

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: 0.798

FLASH POINT (°C)

-40

10 STABILITY AND REACTIVITY

STABILITY:

Stable

MATERIALS TO AVOID

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

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

13 DISPOSAL CONSIDERATIONS

WASTE 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

15 REGULATORY INFORMATION



LABELLING REQUIREMENTS:	Extremely flammable Harmful.
RISK PHRASES:	R12 Extremely flammable. R40 Limited evidence on carcinogenic effect.
SAFETY PHRASES:	S2 Keep out of reach of children S9 Keep container in well ventilated place. S16 Keep away from sources of ignition. No smoking. S23 Do not breathe the vapours generated when spraying. S24/25 Avoid contact with skin or eyes. S36/37 Wear protective clothing, gloves and eye protection. S51 Use only in well ventilated areas.

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

A1 Pressurized container: protect from sunlight and do not exceed temperatures of 50°C. Do not pierce or burn, even after use.

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

WORKPLACE EXPOSURE LIMITS:

SUBSTANCE	REFERENCE PERIOD	LIMIT (ppm)	LIMIT (mgM-ü)
Dichloromethane	15 minutes TWA	300	1060
Dichloromethane	8 hours TWA	100	350

These limits are under active review by HSE. Personnel regularly exposed to significant quantities of dichloromethane in their working environment should be monitored for the extent of their work with EH40/2005, Table 2. This is a non-statuary but recommended check on the effectiveness of the control procedures. Propane is regarded as an asphyxiant.

16 OTHER INFORMATION

INFORMATION CONTACT:

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This information is provided for making safety assessments and is not a sales specification or an indication of suitability for particular uses. It was compiled for uses such as those shown on the specific product data sheets; for significant different uses it is advisable to consult in case other precautions are then necessary.

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