

SAFETY DATA SHEET

Vinyl Adhesive

<p>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING.</p>
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PRODUCT NAME: Vinyl Adhesive

SUPPLIER: Aerosol and Fluid Technology Limited
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2. HAZARDS IDENTIFICATION

Extremely Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. 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**.

3. COMPOSITION/INFORMATION ON INGREDIENTS.

NAME	EC NO.	CAS-NO.	CONTENT	CLASSIFICATION
Acetone	200-662-2	67-64-1	20-60%	F+;R11. Xi;R36 R66 R67
Butanone	201-159-0	78-93-3	1-5%	F;R11. Xi;R36 R66 R67
Heptane	205-563-8	142-82-5	2-10%	F;R11. Xn;R65. Xi;R38 R67. N;R50/53
Hexane (norm)	203-777-6	110-54-3	1-5%	F+;R11. Repr. Cat3;R62. Xn;R48/20, R65. Xi;R38 R67. N;R51/53
Naptha (Petroleum), Solvent-refined light.	265-086-6	64741-84-0	10-30%	Xn;R65
Propan-2-ol	200-661-7	67-63-0	1-5%	F;R11. Xi;R36 R67
Solvent Naptha (petroleum) hydrotreated light napthenic	295-529-9	92062-15-2	10-30%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67
Toluene	203-625-9	108-88-3	1-5%	F;R11. Repr.Cat.3;R63. Xn;R48/20, R65. Xi;R38 R67
Butane	203-448-7	106-97-8	10-30%	Fx;R12
Propane	200-827-9	74-98-6	10-30%	Fx;R12

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

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 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

Contact lenses should be removed. Promptly wash eyes with water for at least 15 minutes whilst holding eyelids apart and get 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).

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.

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 watercourses. 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. 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 a dry, well ventilated area. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NAME	STD	TWA – 8HRS		STEL – 15 MIN		NOTES
Acetone	WEL	500ppm	1210mg/m ³	1500ppm	3620mg/m ³	
Butanone	WEL	200ppm (Sk)	600 mg/m ³ (Sk)	300ppm (Sk)	899 mg/m ³ (Sk)	
Heptane	WEL	500ppm				
Hexane- norm	WEL	20ppm	72mg/m ³			
Propan-2-ol	WEL	400ppm	999mg/m ³	500ppm	1250mg/m ³	
Toluene	WEL	50ppm (Sk)	191mg/m ³ (Sk)	100ppm (Sk)	384 mg/m ³ (Sk)	
Butane	OES	600ppm		750ppm		

WEL = Workplace Exposure Limits

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

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 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/TASTE:

Hydrocarbons/Solvent

PHYSICAL DATA COMMENTS:

Can pressure 70psi

DENSITY/SPECIFIC GRAVITY (v/ml)

0.69

SOLUBILITY DESCRIPTION:

Soluble in solvents.

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 and hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

INHALATION

Drowsiness, dizziness, disorientation, vertigo.

INGESTION

May cause discomfort if swallowed.

SKIN

Liquid may irritate skin.

EYES

Irritation, burning, lachrymation, blurred vision after liquid splash

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous to the environment. May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Empty container must not be burned due to explosion hazards.

14. TRANSPORT INFORMATION



UK ROAD CLASS: 2
PROPER SHIPPING NAME: AEROSOLS
UN NO. ROAD: 1950
ADR CLASS NO : 2
ADR PACK GROUP : N/A
CEFIC 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



RISK PHRASES

R12 Extremely Flammable

R36/38 Irritating to eyes and skin.

R51/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2 Keep out of reach of children

S9 Keep container in a well-ventilated place

S16 Keep away from sources of ignition – NO smoking

S23 Do not breathe vapour/spray

S24 Avoid contact with skin.

S29 Do not empty into drains.

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

S38 In case of insufficient ventilation, wear suitable respiratory equipment.

S51 Use only in well-ventilated areas

S61 Avoid release to the environment.

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

R36/38 Irritating to eyes and skin.

R51/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

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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.