



SAFETY DATA SHEET

FLOORWISE F597 ADHESIVE 500ml AEROSOL

SECTION 1; IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name F597
Product No. ADHMLN500
UFI: 3Y69-KCV4-NCAQ-546P

1.2. Relevant identified uses of the substances or mixture and uses advised against

Identified uses Spray adhesive

1.3. Details of the supplier of the data sheet

Supplier Floorwise Group Ltd
Floorwise House
22 High Street
Kegworth
Derby DE74 2DA

1.4. Emergency telephone number

+44 (0) 111

SECTION 2; HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards	Extremely Flam. Aerosol - H222; H229
Human health	Not classified
Environmental hazards	Not classified

The full text for all Hazard statements are displayed in Section 16.

2.2 Label Elements

Label in Accordance with (EC) No. 1272/2008



Signal word` Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container; may burst if heated.
H315	Causes skin irritation.

Precautionary Statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources No Smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves and eye/face protection.

Supplementary precautionary statements

P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue rinsing.
P410+412	Protect from sunlight. Do not expose to temperatures Exceeding 50°C/122°F.
P501	Dispose of contents/container to an approved waste disposal plant.

Supplement label information

No data available

2.3. Other hazards

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 naked flame or any incandescent material –

NO SMOKING.

REACH - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

This substance/mixture does not meet the criteria for classification as Persistent, Bioaccumulative, and Toxic (PBT) in accordance with Annex XIII, Commission Delegated Regulation (EU) 2017/2100, and Commission Regulation (EU) 2018/605.

This substance/mixture does not meet the criteria for classification as very Persistent and very Bioaccumulative (vPvB) in accordance with Annex XIII, Commission Delegated Regulation (EU) 2017/2100, and Commission Regulation (EU) 2018/605.

This substance/mixture does not meet the criteria for classification as Persistent, Mobile and Toxic (PMT) in accordance with Commission Delegated Regulation (EU) 2023/707.

This substance/mixture does not meet the criteria for classification as very Persistent and very Mobile (vPvM) in accordance with Commission Delegated Regulation (EU) 2023/707.

The substance/mixture does not contain components considered to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, nor is it included in the list established under REACH Article 59(1), at concentrations equal to or greater than 0.1% (w/w).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures**

PETROLEUM GASES LIQUIFIED	30-40%
CAS- No.: 68476-85-7 Classification (EC 1272/2008) Flam. Gas 1- H220	EC No.: 270-704-2
METHYLAL	40-50%
CAS-No:109-87-5 Classification (EC 1272/2008) Flam Liqu – H225	EC No.:203-714-2

The full text for all hazard statements are displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures**General information**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin contact

Wash the skin immediately with soap and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling section 2.2, and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Extinguishing media

Fire can be extinguished using: foam; carbon dioxide; dry powder

5.2 Special hazards arising from the substance or mixture**Unusual fire & Explosion hazards**

Aerosol cans may explode in fire.

5.3 Advice for firefighters

Wear self contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid skin and eye contact. Ensure adequate ventilation. Avoid breathing vapours, mist or gas. Wear personal protective equipment (see section 8).

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environment Agency or other regulatory body. Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

Wear protective clothing as described in section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

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

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
METHYLAL	WEL	1000 ppm	3160 mg/m ³	1250 ppm	3950 mg/m ³	EH40/2005 4 th EDITION 2020
PETROLEUM GASES LIQUIFIED	WEL	1000 ppm	1750 mg/m ³	1250 ppm	2180 mg/m ³	EH40/2005 4 th EDITION 2020

WEL= WORKPLACE EXPOSURE LIMITS EH40/2005 4th EDITION 2020

Derived No Effect Level (DNEL).

Methylal

Type	Exposure Route	Derived No effect Level	Safety Factor
Long Term Systemic health effects Worker	Dermal	17.9 mg/kg bw/d	
Long Term Local Health effects Worker	Inhalation	126.6 mg/m ³	

Methylal

Type	Exposure Route	Derived No effect Level	Safety Factor
Long Term Systemic health effects Consumer	Dermal	18.1 mg/m ³	
Short Term Systemic Health effects Consumer	Inhalation	0.0315 mg/kg bw/d	
Long Term Systemic health effects Consumer	Oral	18.1 mg/kg bw/d	

Predicted No effect Concentration (PNEC)

Methylal

Environmental Compartment	Predicted No effect Concentration (PNEC)
Freshwater	14.577 mg/l
Marine water	1.477 mg/l
Freshwater sediment	13.135 mg/kg dry weight
Marine water Sediment	1.313 mg/kg dry weight
STP	10000 mg/l

8.2 Exposure control

Protective equipment

Engineering measures

Appropriate engineering



controls

Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Chemical splash goggles or face shield. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Hand protection

Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Nitrile rubber.

Other skin and body protection

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wear protective clothing.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

(a) Physical State	Liquid
(b) Appearance	Canister/Aerosol.
(c) Colour	Amber/Clear
(d) Odour	Characteristic
(e) Odour Threshold	No data available
(f) Melting point/freezing point	No data available
(g) Initial boiling point and boiling range	Not applicable - aerosol
(h) Flammability (solid gas)	Not applicable for liquids
(i) Upper/lower flammability Or explosive limits	No data available
(j) Flash Point	Not applicable – aerosol
(k) Auto-ignition temperature	No data available
(l) Decomposition temperature	Not applicable – insoluble in water
(m) pH as gaseous solution	No data available
(n) Kinematic Viscosity	No data available
(o) Dynamic Viscosity	No data available
(p) Water solubility	No data available
(q) Solubilities	No data available
(r) Partition coefficient	No data available
(s) Vapour pressure	No data available
(t) Relative density	0.85 – 0.95 (Adhesive only)
(u) Relative Vapour Density	No data available
(v) Particle characteristics	
Particle Size	No data available
Particle size distribution	No data available

9.2 Other information

No data available.

9.2.1 Information with regards to physical hazards classes

Not applicable

9.2.2 Other safety characteristics

No data available

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

See Section 7.2.

10.2 Chemical stability

Avoid heat, sparks, and flames, stable under normal conditions.

10.3 Possibility of hazardous reactions

Heating may cause an increase in can pressure leading to bursting

10.4 Conditions to avoid

Avoid heat, flames and other sources or ignition. Avoid contact with: Strong oxidising agents, Strong alkalis and Strong mineral acids.

10.5 Incompatible materials

Materials to avoid

Strong acids, strong oxidising substances and strong alkalis.

10.6 Hazardous decomposition products

No data available

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute Toxicity**

LD50 Oral – Rat – male and female – 6,423 mg/kg

(OECD Test Guideline 423)

LC50 Inhalation – Mouse – male and female – 7 h – 57,000 mg/m³ - vapour

(OECD Test Guideline 403)

LD50 Dermal - Rabbit – male and female ->5,000 mg/kg

(OECD Test Guideline 402)

Oral

Based on available data, the classification criteria area not met.

Inhalation

Maximisation Test – Guinea pig

Result – did not cause sensitization on laboratory animals

(OECD Test Guidelines 406)

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Inhalation of acetals may produce a transitory ether-like anaesthesia.

Ingestion

The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.

Skin corrosion/irritation

Skin - Rabbit

Result – No skin irritation – 4 h

(OECD Test Guideline 404)

Based on available data, the classification criteria area not met. The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye contact

Eyes – Rabbit

Result – Mild eye irritation

Based on available data, the classification criteria area not met. There is some evidence to suggest that this material can cause eye irritation and damage in some persons.

Germ cell mutagenicity

Test type: reverse mutation assay

Test system: *S. typhimurium*

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 471

Test type: Micronucleus test

Species – Mouse

Application route: Intraperitoneal

Method: OECD Test Guideline 474

Result: Negative

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.

Specific Target Organ Toxicity – Single Exposure

Based on available data, the classification criteria area not met.

Specific Target Organ Toxicity – Repeated Exposure

Based on available data, the classification criteria area not met.

Aspiration Hazard

Based on available data, the classification criteria area not met.

11.2 Information on other hazards**11.2.1 Endocrine disrupting properties**

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

11.2.2 Other adverse effects:

No information available

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

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

12.1 Toxicity**Metylal**

Toxicity to fish

LC50 – *Danio rerio* (zebra fish) – > 1,000 mg/l – 96 hr

OECD Test guideline 203

Toxicity to daphnia and other

Aquatic invertebrates:

EC50 – *Daphnia magna* (Water flea) – >1,200 mg/l – 48 hr

ECHA

Toxicity to algae

NOEC – M.aeruginosa – 530 mg/l – 8 d

DIN 38412

12.2 Persistence and degradability

Low

12.3 Bio accumulative potential

Low (LogKOW = 0)

12.4 Mobility in soil

High (LogKOC = 1)

12.5 Results of PBT and vPvB Assessment

Contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine Disrupting Properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

Section 14. Transport information**14.1 UN Number**

UN No (ADR/RID/ADN)	1950
UN No (IMDG)	1950
UN NO (ICAO)	1950

14.2 UN Proper Shipping Name

ADR/IMDG/AND/RID	AEROSOLS
IATA	Aerosols Flammable

14.3 Transport Hazard Class(es)

ADR/RID/ADN Class	2.1
ADR/RID/ADN Class	Class 2: Gases
ADR Label No	2.1
IATA	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
#ICAO TEC* No	20GSF
Air Class	2.1
UK Road Class	2.1
Transport Labels	L.Q.

**14.4 Packing Group**

Not Applicable

14.5 Environmental Hazards

Dangerous for the environment	Yes - Acetone
Marine pollutant	Yes - Acetone
Other information	No supplementary information available

14.6 Special Precautions for userOverland Transport

Classification Code (ADR):	5F
Special Provisions (ADR):	190,327,344,625
Limited Quantities (ADR):	1L
Excepted Quantities (ADR):	E0
Packing Instructions (ADR):	P207,LP02
Special Packing provisions (ADR):	PP87, RR6, L2
Mixed Packing provisions (ADR):	MP9
Transport Strategy (ADR):	2
Special provisions for carriage – Packages (ADT)	V14
Special Provisions for carriage – Loading, unloading and handling (ADR):	CV9, CV12
Special provisions for carriage – Operation (ADR):	S2
Tunnel Restriction Code:	D

Transport by Sea

Special Provisions (IMDG):	63,190,277,327,344,959
Limited Quantities (IMDG):	SP277
Excepted Quantities (IMDG):	E0
Packing Instructions (IMDG):	P207,LP02
Special Packing provisions (IMDG):	PP87,L2
EmS-No (Fire):	F-D
EmS-No (Spillage):	S-U
Stowage category (IMDG):	None
Stowage and Handling (IMDG):	SW1,SW22
Segregation (IMDG):	SG69
MFAG-No:	126

Air Transport

PCA Excepted Quantities (IATA):	E0
PCA Limited Quantities (IATA):	Y203
PCA Limited Quantity max net quantity (IATA):	30KgG
PCA Packing instructions (IATA):	203
PCA max net quantity (IATA):	75Kg
CAO packing instructions (IATA):	203
CAO max net quantity (IATA):	150Kg
Special provisions (IATA):	A145,A167,A802
ERG Code (IATA):	10 L

Inland Waterway Transport

Classification Code (ADN):	5F
Special Provisions (ADN):	190,327,344,625
Limited Quantities (ADN):	1 L
Excepted Quantities (ADN):	E0
Equipment required (ADN):	PP,EX,A
Ventilation (ADN):	VE01,VE04
Number of blue cones/lights (ADN):	1

Rail Transport

Classification Code (RID):	5F
Special Provisions (RID):	190,327,344,625
Limited Quantities (RID):	1 L
Excepted Quantities (RID):	E0

Packing Instructions (RID):	P207,LP02
Special Packing provisions (RID):	PP87,RR6,L2
Mixed Packing provisions (RID):	MP9
Transport Category (RID):	2
Special Provisions for carriage – Packages (RID):	W14
Special Provisions for carriage – Loading, unloading and handling (RID):	CW9, CW12
Colis Express (express parcels) (RID):	CE2
Hazard Identification No (RID):	23

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code

Not applicable

Section 15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Labelling according to Regulation (EC) No 1272/2008

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.

Guidance notes

Workplace exposure limits EH40.

15.1.1 EU-Regulations

Contains no REACH substances with Annex XVII restrictions.

Contains no REACH Annex XIV substances.

15.1.2 National Regulations

No additional information available.

SECTION 16: OTHER INFORMATION**General information**

This product should be used as directed. 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 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 Floorwise Group Ltd.

Hazard statements in full

H220	Extremely flammable gas
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour

Abbreviations

Eye Irrit 2	Eye Irritant Category 2
Asp Tox 1	Aspiration toxicity Category 1
Flam Liq 2	Flammable liquid Category 2
Flam Gas 1	Flammable Gas Category 1
Aquatic Chronic 1	Aquatic Toxicity Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
STOT SE 3	Specific Target Organ Toxicity Single Exposure Category 3
PC—TWA:	Permissible Concentration-Time Weighted Average
PC—STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ES:	Exposure Standard

DNEL:	Derived No-Effect Level
PNEC:	Predicted no-effect concentration
MARPOL:	International Convention for the Prevention of Pollution from Ships

ISSUE:	REV 5.0
LAST REVIEWED:	SEPTEMBER 2025

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. This datasheet replaces all former versions.