SAFETY DATA SHEET

UPHOLSTERY NC ADHESIVE 500ml AEROSOL

NON CHLORINATED

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

1.1. Product identifier

Product name UPHOLSTERY NC
Product No. ADH 4035 500ml

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 Clockwork Components Ltd
Unit 5 – 6 Network Point
Range Road
Witney
Oxon
OX29 0YN

1.4. Emergency telephone number

+44 (0) 1993775767
Mon – Thurs 0830-1700: Fri 0830-1630
sales@clockworkcomponents.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008 and 2020/878)

Physical and chemical hazards	Extremely Flam. Aerosol - H222; H229
Human health	Acute Tox 4 – H312
	Skin Irrit 2 – H315
	Eye Irrit. 2 – H319
	STOT SE 3 – H336
Environmental hazards	Aquat Chron 2 – H411

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

2.2 Label Elements

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

Contains Hydrocarbons, C6-C7, isoalkanes, cyclics. <5%n-hexane, Acetone



Signal word Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects

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.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/eye protection/face protection.
P271	Use only outdoors or in a well ventilated area

Supplementary precautionary statements

P273	Avoid release to the environment.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in Position comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do. Continue Rinsing
P302+352	IF ON SKIN: Wash with plenty of water and soap.
P332+313	If skin irritation occurs: get medical advice/attention
P337+313	If eye irritation persists: Get medical advice/attention.
P342+311	If experiencing respiratory symptoms: Call a POISON CENTRE or Doctor/physician.
P410+412	Protect from sunlight. Do not expose to temperatures Exceeding 50°C/122°F.
P501	Dispose of contents/container in accordance with local Regulations.

Supplement label information

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.
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

ACETONE		15-30%
CAS-No.: 67-64-1	EC No.: 200-662-2 Index No:606-001-00-8	Registration number: 01-2119471330-49
Classification (EC 1272/2008) Flam. Liq. 2 – H225 STOT SE 3 – H336		

Eye irrit. 2 – H319

HYDROCARBONS, C6-C7, ISOALKANES, CYCLICS.<5% N-HEXANE	25-40%
CAS- No: - EC No.: 921-024-6 Index No: 01-2119475514-35-xxxx	
Classification (EC 1272/2008) Flam Liq - H225 Skin Irrit 2 – H315 STOT SE 3 – H336 Asp Tox 1 – H304 Aquat Chron 2 – H411	

PETROLEUM GASES LIQUIFIED	20-40%
CAS- No.: 68476-85-7 EC No.: 270-704-2	
Classification (EC 1272/2008) Flam. Gas 1- H220	

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

DO NOT induce vomiting. Get medical attention immediately

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
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	UK EH40 – Workplace Exposure Limits
PETROLEUM GASES LIQUIFIED	WEL	1000 ppm	1750 mg/m3	1250 ppm	2180 mg/m3	UK EH40 – Workplace Exposure Limits

WEL = Workplace exposure limit.

Derived No Effect Level (DNEL)

HYDROCARBONS, C6-C7, ISOALKANES, CYCLICS.<5% N-HEXANE

Type	Exposure Route	Derived No effect Level	Safety Factor
Worker Long Term Systemic Health effects	Dermal	773 mg/kg bw/d	
Worker Long Term Systemic health effects	Oral	2035 mg/kg bw/d	

Type	Exposure Route	Derived No effect Level	Safety Factor
Consumer Short Term Systemic health effects	Inhalation	608 mg/m³	
Consumer Long Term Systemic health effects	Dermal	699 mg/kg bw/d	
Consumer Long Term Systemic health effects	Oral	669 mg/kg bw/d	

ACETONE

Type	Exposure Route	Derived No effect Level	Safety Factor
Long Term Systemic health effects Worker	Dermal	186 mg/kg bw/d	
Short Term Local Health effects Worker	Inhalation	2420 mg/m³	
Long Term Systemic health effects Worker	Inhalation	1210 mg/m³	

Predicted No effect Concentration (PNEC)

ACETONE

Environmental Compartment	Predicted No effect Concentration (PNEC)
Freshwater	10.6 mg/l
Freshwater - intermittent	21 mg/l
Marine water	1.06 mg/l
Microorganisms in sewage treatment	100 mg/l
Freshwater sediment	30.4 mg/kg dry weight
Marine water	3.04 mg/kg dry weight
Soil	29.5mg/kg dry weight

Predicted No Effect Concentration No data available

8.2 Exposure controls

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

9.1 Information on basic physical and chemical properties

(a) Physical State	Liquid
(b) Appearance	Canister/Aerosol.
(c) Colour	Amber
(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	0.82 (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

VOC; 528gm/ltr

9.2.2 Other safety characteristics

Can pressure 70 psi.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

No data available

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

Acetone

Acute Toxicity

LD_{50} Oral – Rat - >5,800 mg/kg

Inhalation

LD_{50} Inhalation – Rat – 50,100 mg/m³

Skin corrosion/irritation

Skin – Rabbit

Result: Mild skin irritaion – 24 h

(Draize Test)

Eye contact

Eyes – Rabbit

Result: Irritating to eyes – 24 hr

(Draize Test)

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

No data available

Specific Target Organ Toxicity – Repeated Exposure

No data available

Aspiration Hazard

No data available.

Hydrocarbons,C6-C7,isoalkanes,cyclics,<5% n-hexane

Acute Toxicity

LD_{50} Oral – Rat – 16,500 mg/kg

LD50 Dermal – Rabbit ->3,350 mg/kg

(OECD Test Guideline 402)

Inhalation

LD_{50} Inhalation – Rat – 73,680 ppm - 4 h

(OECD Test Guideline 403)

Carcinogenicity

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

Specific Target Organ Toxicity – Single Exposure

No data available

Specific Target Organ Toxicity – Repeated Exposure

No data available

Aspiration Hazard

No data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

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

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

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.
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

11.2.2 Other Information

Other adverse effects: No information available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acetone

Toxicity to fish	LC50 – Oncorhynchus mykiss (rainbow trout) – 5.540 mg/l – 96 hr
Toxicity to daphnia and other Aquatic invertebrates:	EC50 – Daphnia magna (Water flea) – 8,800 mg/l – 48 hr

Hydrocarbons,C6-C7,isoalkanes,cyclics,<5% n-hexane

Toxicity to fish	LL50 – (Oncorhynchus mykiss) rainbow trout – 12 mg/l – 96 hr (OECD Test Guideline 203)

12.2 Persistence and degradability

Biodegradability No data available

12.3 Bio accumulative potential

Does not bioaccumulate

12.4 Mobility in soil

No data available

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 Other adverse effects

No data available

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

14.3 Transport Hazard Class(es)

ADR/RID Class	2.1
ADR/RID Class	5F

ADR Label No	2.1
IATA	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
ICAO Subsidiary Risk	-
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	No
Marine pollutant	No
Other information	No supplementary information available

14.6 Special Precautions for user

Overland Transport

Classification Code (ADR):	5F
Special Provisions (ADR):	190,327,344,625
Limited Quantities (ADR):	1L
Excepted Quantities (ADR):	E0
Packing Instructions (ADR):	P207, LP200
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):	190,327,344,625
Limited Quantities (IMDG):	1 L
Excepted Quantities (IMDG):	E0
Packing Instructions (IMDG):	P207, LP200
Special Packing provisions (IMDG):	PP87, RR6, L2
EmS-No (Fire):	F-D
EmS-No (Spillage):	S-U
Stowage category (IMDG):	SW1, SW22
Segregation	SG69

Air Transport

PCA Excepted Quantities (IATA):	E0
PCA Limited Quantities (IATA):	Y203
PCA Limited Quantity max net quantity (IATA):	30Kg
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):	10L

Inland Waterway Transport

Classification Code (ADN):	5F
Special Provisions (ADN):	19,327,344,625
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):	1L
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.

This mixture contains: N-HEXANE; CAS No: 110-54-3; EC No: 203-777-6
REACH No: 01-2119480412-44-XXXX

a substance that has been identified as a Substance of Very High Concern (SVHC) and included on the REACH Candidate List in accordance with Article 59(10) of Regulation (EC) No 1907/2006.

15.1.2 National Regulations

No additional information available.

15.2 Chemical safety assessment

A chemical safety assessment was not carried out for this product,

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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 AFT Aerosols Ltd.

Hazard statements in full

H220	Extremely flammable gas
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects

Abbreviations

Eye Irrit 2	Eye Irritant Category 2
Flam Liq 2	Flammable liquid Category 2
Flam Gas 1	Flammable Gas Category 1
Asp Tox 1	Aspiration Toxicity Category 1
Aquatic Chronic 2	Chronic Aquatic Toxicity Category 2
STOT SE 3	Specific Target Organ Toxicity Single Exposure Category 3

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DISCLAIMER

The Information provided herein, especially recommendations for the usage and the application of this products, is provided in good faith, and no liability on the part of AFT Aerosols Ltd is stated or implied. No employee of AFT Aerosols Ltd has the authority to waive or alter in any way the content of this document.

Due to different materials used, as well as to varying working conditions, production techniques, and the requirements of the end users, all of which are beyond our control, we strongly recommend that thorough and extensive trials are carried out in order to test the suitability of our products with regard to the required processes and applications. This should also include an ageing test which should be applied to all substrates used.

It is also the responsibility of the purchaser and end user of this product to ensure that all appropriate actions necessary for the protection of the environment, and for the health and safety of their employees are observed.

This datasheet replaces all former versions