


Quality Assurance	Title: 0590SPRAY500	
Effective Date: Aug 2019	Prepared By : Mike Lee	
Issue Number: 4	Authorised By: Robin Lamb	

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

Product name: Ultra Aerosol Adhesive 500ml

Product No. 0590SPRAY500

1.2. Relevant identified uses of the substance or mixture and uses advised against: No smoking

1.3. Details of the supplier of the safety data sheet:

Bruce Douglas Marketing Ltd

Ultratape House

Kilspindie Road

Dunsinane Industrial Estate

Dundee DD2 3LP

+44 1382 832999

sales@ultratape.com

1.4. Emergency telephone number:


+44 1382 832999 (office hours)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)	Physical and chemical hazards	Extremely Flam. Aerosol - H222
	Human health	Carc.2 – H351
		Skin. Irrit. 2 – H315
		Eye Irrit. 2 – H319
		STOT SE 3 – H336
	Environment	Not Classified

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

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2.2 Label Elements

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



Signal word

Danger

Hazard statements

H222	Extremely flammable aerosol.
H351	Suspected of causing cancer
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H229	Pressurized container; may burst if heated
H336	May cause drowsiness or dizziness


Precautionary Statements

P102	Keep out of reach of children
P210	Keep away from heat/sparks/open flames/hot surfaces – No Smoking.
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P281	Use personal protective equipment as required.
P501	Dispose of contents/container in accordance with Local Regulations.

Supplementary precautionary statements

P273	Avoid release to the environment.
P280	Contains gas under pressure, may explode if heated.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	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.
P308+313	If exposed or concerned: Get medical advice/attention
P410+412	Protect from sunlight. Do not expose to temperatures Exceeding 50°C/122°F.

Supplement label information

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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.**

3. Composition/information on ingredients

3.2 Mixtures

DICHLOROMETHANE	10-30%
CAS-No.: 75-09-2	EC No.: 200-853-9
Classification (EC 1272/2008) Carc.Cat 2 – H351 Skin Irrit Cat 2 – H315 Eye Irrit Cat 2 – H319 STOT SE Cat 3 – H336	

PETROLEUM GASES LIQUIFIED	30-40%
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.

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.

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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

5. Fire-fighting 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

Canisters may explode in fire.

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

5.3 Advice for firefighters

Wear self-contained breathing apparatus.

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. For waste disposal see section 13.

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

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.

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8. Exposure controls/personal protection

8.1 Control parameters

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
DICHLOROMETHANE	WEL	100 ppm(Sk)	350 mg/m3(Sk)	300 ppm (Sk)	1060 mg/m3 (Sk)	
PETROLEUM GASES LIQUIFIED	WEL	1000 ppm (Sk)	1250 mg/m3(Sk)	1250 ppm(Sk)	2180 mg/m3(Sk)	

WEL = Workplace exposure limit.

Ingredient comments

8.2 Exposure controls

Protective equipment



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.

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a) Appearance	Canister/Aerosol.
(b) Odour	Chlorinated Hydrocarbon
(c) Odour Threshold	No data available
(d) pH	No data available
(e) Melting point/freezing point	No data available
(f) Initial boiling point and boiling range	40 (°C)
(g) Flash point	Estimated at -35°C
(h) Evaporation point	No data available
(i) Flammability (solid gas)	No data available
(j) Upper/lower flammability Or explosive limits	No data available
(k) Vapour pressure	No data available
(l) Vapour density	No data available
(m) Relative density	No data available
(n) Water solubility	Slightly soluble in water; soluble in chlorinated hydrocarbons
(o) Partition coefficient n-octanol/water	No data available
(p) Auto-ignition temperature	No data available
(q) Decomposition temperature	No data available
(r) Viscosity	No data available
(s) Explosive properties	No data available
(t) Oxidising properties	No data available.

9.2. Other information

Can pressure 70psi.

9.2 Other information

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.

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10.6 Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO); Carbon Dioxide (CO₂); Phosgene (COCl₂); Hydrogen Chloride (HCl). Slow hydrolysis with water forms hydrochloric acid.

11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

LD₅₀ Oral – Rat - >2,000 mg/kg

Inhalation

LD₅₀ Inhalation – Rat – 52,000 mg/m³

Skin contact

Skin – Rabbit

Result: Irritating to skin – 24 hr
(Draize Test)

Eye contact

Eyes – Rabbit

Result: Irritating to eyes – 24 hr
(Draize Test)

Carcinogenicity

Carcinogenicity – Rat – Inhalation

Tumorigenic: Carcinogenic by RTECS criteria. Endocrine: Tumours

Limited evidence of carcinogenicity in animal studies.

Suspected human carcinogens

IARC: 2B – Group 2B: Possible carcinogenic to humans (Methylene Chloride)

Specific Target Organ Toxicity – Single Exposure

May cause respiratory irritation.

May cause drowsiness or dizziness

Aspiration Hazard

No data available.

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

Toxicity to fish


LC₅₀ – Pimphales promelas (fathead minnow) – 193.00 mg/l – 96 hr

NOEC – Cyprindon variegatus (sheepshead minnow) – 130 mg/l – 96 hr

Toxicity to daphnia and other

Aquatic invertebrates:

EC₅₀ – Daphnia magna (Water f;ea) – 1,682.00 mg/l – 48 hr

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12.2 Persistence and degradability

Biodegradability result <26% - Not readily biodegradable

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, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

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.

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 & 6.1
IATA	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
ICAO Subsidiary Risk	6.1
ICAO TEC* No	20GSF
Air Class	2.1
UK Road Class	2.1
Transport Labels	L.Q.



14.4 Packing Group

Not Applicable

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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): 1I
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): 10L

Inland Waterway Transport

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

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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

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 substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

15.1.2 National Regulations

No additional information available.


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.

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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 BDM Ltd.

Hazard statements in full

H220	Extremely flammable gas
H222	Extremely flammable aerosol.
H351	Suspected of causing cancer
H315	Causes skin irritation.
H310	Causes serious eye irritation.
H336	May cause drowsiness or dizziness

Abbreviations

Carc 2	Carcinogen Category 2
Skin Irrit 2	Skin Irritant Category 2
Eye Irritant 2	Eye Irritant Category 2
STOT SE 3	Specific Target Organ Toxicity Single Exposure Category 3
Carc Cat 3	Carcinogen Category 3
Flam Gas 1	Flammable Gas Category 1
