


Quality Assurance	Title: 0590SPRAY500	
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	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](mailto: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.

#### 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**

Quality Assurance	Title: 0590SPRAY500	 BRUCE DOUGLAS MARKETING
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

	<b>H315</b>	<b>Causes skin irritation.</b>
	<b>H319</b>	<b>Causes serious eye irritation.</b>
	<b>H229</b>	<b>Pressurized container; may burst if heated</b>
	<b>H336</b>	<b>May cause drowsiness or dizziness</b>
<b>Precautionary Statements</b>		
	<b>P102</b>	<b>Keep out of reach of children</b>
	<b>P210</b>	<b>Keep away from heat/sparks/open flames/hot surfaces – No Smoking.</b>
	<b>P251</b>	<b>Pressurized container: Do not pierce or burn, even after use.</b>
	<b>P261</b>	<b>Avoid breathing dust/fume/gas/mist/vapours/spray.</b>
	<b>P281</b>	<b>Use personal protective equipment as required.</b>
	<b>P501</b>	<b>Dispose of contents/container in accordance with Local Regulations.</b>
<b>Supplementary precautionary statements</b>		
	<b>P273</b>	<b>Avoid release to the environment.</b>
	<b>P280</b>	<b>Contains gas under pressure, may explode if heated .</b>
	<b>P302 + P352</b>	<b>IF ON SKIN: Wash with plenty of soap and water.</b>
	<b>P304+P340</b>	<b>IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing.</b>
	<b>P305+351+338</b>	<b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.Continue Rinsing.</b>
	<b>P308+313</b>	<b>If exposed or concerned: Get medical advice/attention</b>
	<b>P410+412</b>	<b>Protect from sunlight. Do not expose to temperatures Exceeding 50°C/122°F.</b>

#### 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.

### 3. Composition/information on ingredients

#### 3.2 Mixtures

DICHLOROMETHANE 30%	10-
CAS-No.: 75-09-2	EC No.: 200-853-9

Quality Assurance	Title: 0590SPRAY500	 BRUCE DOUGLAS MARKETING
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

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.

##### 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

Quality Assurance	Title: 0590SPRAY500	 BRUCE DOUGLAS MARKETING
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

## Unusual fire & Explosion hazards

Canisters may explode in fire.

Toxic gases/vapours/fumes of: Carbon Dioxide (CO<sub>2</sub>). 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.

## 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

Quality Assurance	Title: 0590SPRAY500	 BRUCE DOUGLAS MARKETING
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	



#### 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.

## 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

Quality Assurance	Title: 0590SPRAY500	 BRUCE DOUGLAS MARKETING
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

**(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.

**10.6 Hazardous decomposition products**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO); Carbon Dioxide (CO<sub>2</sub>); Phosgene (COCl<sub>2</sub>); Hydrogen Chloride (HCl). Slow hydrolysis with water forms hydrochloric acid.

**11. Toxicological information**

**11.1 Information on toxicological effects**

**Acute Toxicity**

LD<sub>50</sub> Oral – Rat - >2,000 mg/kg

**Inhalation**


LD<sub>50</sub> Inhalation – Rat – 52,000 mg/m<sup>3</sup>

**Skin contact**

Skin – Rabbit

Result: Irritating to skin – 24 hr

(Draize Test)

Quality Assurance	Title: 0590SPRAY500	
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

#### 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

#### 12.2 Persistence and degradability

Biodegradability result <26% - Not readily biodegradeable

#### 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

### 13. Disposal considerations

Quality Assurance	Title: 0590SPRAY500	
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

### **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

### **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		



Quality Assurance	Title: 0590SPRAY500	 BRUCE DOUGLAS MARKETING
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

<b>and handling (ADR):</b>	<b>CV9, CV12</b>
<b>Special provisions for carriage – Operation (ADR):</b>	<b>S2</b>
<b>Tunnel Restriction Code:</b>	<b>D</b>
<b><u>Transport by Sea</u></b>	
<b>Special Provisions (IMDG):</b>	<b>63,190,277,327,344,959</b>
<b>Limited Quantities (IMDG):</b>	<b>SP277</b>
<b>Excepted Quantities (IMDG):</b>	<b>E0</b>
<b>Packing Instructions (IMDG):</b>	<b>P207,LP02</b>
<b>Special Packing provisions (IMDG):</b>	<b>PP87,L2</b>
<b>EmS-No (Fire):</b>	<b>F-D</b>
<b>EmS-No (Spillage):</b>	<b>S-U</b>
<b>Stowage category (IMDG):</b>	<b>None</b>
<b>Stowage and Handling (IMDG):</b>	<b>SW1,SW22</b>
<b>Segregation (IMDG):</b>	<b>SG69</b>
<b>MFAG-No:</b>	<b>126</b>
<b><u>Air Transport</u></b>	
<b>PCA Excepted Quantities (IATA):</b>	<b>E0</b>
<b>PCA Limited Quantities (IATA):</b>	<b>Y203</b>
<b>PCA Limited Quantity max net quantity (IATA):</b>	<b>30KgG</b>
<b>PCA Packing instructions (IATA):</b>	<b>203</b>
<b>PCA max net quantity (IATA):</b>	<b>75Kg</b>
<b>CAO packing instructions (IATA):</b>	<b>203</b>
<b>CAO max net quantity (IATA):</b>	<b>150Kg</b>
<b>Special provisions (IATA):</b>	<b>A145,A167,A802</b>
<b>ERG Code (IATA):</b>	<b>10L</b>
<b><u>Inland Waterway Transport</u></b>	
<b>Classification Code (ADN):</b>	<b>5F</b>
<b>Special Provisions (ADN):</b>	<b>190,327,344,625</b>
<b>Limited Quantities (ADN):</b>	<b>1 L</b>
<b>Excepted Quantities (ADN):</b>	<b>E0</b>
<b>Equipment required (ADN):</b>	<b>PP,EX,A</b>
<b>Ventilation (ADN):</b>	<b>VE01,VE04</b>
<b>Number of blue cones/lights (ADN):</b>	<b>1</b>
<b><u>Rail Transport</u></b>	
<b>Classification Code (RID):</b>	<b>5F</b>
<b>Special Provisions (RID):</b>	<b>190,327,344,625</b>
<b>Limited Quantities (RID):</b>	<b>1L</b>
<b>Excepted Quantities (RID):</b>	<b>E0</b>
<b>Packing Instructions (RID):</b>	<b>P207,LP02</b>
<b>Special Packing provisions (RID):</b>	<b>PP87,RR6,L2</b>
<b>Mixed Packing provisions (RID):</b>	<b>MP9</b>
<b>Transport Category (RID):</b>	<b>2</b>
<b>Special Provisions for carriage – Packages (RID):</b>	<b>W14</b>
<b>Special Provisions for carriage – Loading, unloading and handling (RID):</b>	<b>CW9, CW12</b>
<b>Colis Express (express parcels) (RID):</b>	<b>CE2</b>
<b>Hazard Identification No (RID):</b>	<b>23</b>

Quality Assurance	Title: 0590SPRAY500	
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	

#### **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.

#### **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

Quality Assurance	Title: 0590SPRAY500	 BRUCE DOUGLAS MARKETING
Effective Date: 07/02/19	Prepared By : Mike Lee	
Issue Number: 3	Authorised By: Robin Lamb	