

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier:

Trade name:

41918 Draper H/Duty Spray Adhesive 400ml

1.2 Relevant Identified Uses:

Adhesive.

1.3 Details of the Supplier of the Safety Data Sheet:

Company name:

Draper Tools Ltd

Address:Hursley Road, Chandler's Ford
Eastleigh, Hampshire SO53 1YF**Telephone:**

+44 (0) 23 80266355

Email:

sales@drapertools.com

Contact person:

Customer Service

Website:

www.drapertools.com

1.4 Emergency Telephone Number:

+44 (0) 23 80266355 (not 24hrs)

2. Hazards Identification

2.1 Classification of the substance or mixture:

2.1.2 Classification (SI 2019 No. 720)

Physical hazards:

Aerosol 1 - H222, H229

Health hazards:Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3
- H335, H336 STOT RE 2 - H373**Environmental hazards:**

Not classified.

Human health:

Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Environmental:

This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment.

Physicochemical:

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

2.2 Label Elements:

Hazard pictograms**Signal word:**

Danger

Hazard statements:

H222 Extremely flammable aerosol
H229 Pressurised container: may burst if heated
H315 Causes skin irritation
H319 Causes serious eye irritation
H351 Suspected of causing cancer
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statements:

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
P260 Do not breathe vapour/ spray
P271 Use only outdoors or in a well-ventilated area.

2. Hazards Identification

Precautionary statements :

P308+P313 IF exposed or concerned: Get medical advice/attention
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
P102 Keep out of reach of children
P501 Dispose of contents/ container in accordance with local regulations
P280 Wear protective clothing and gloves.

Supplemental label information :

RCH002a Restricted to professional users.

Contains:

DICHLOROMETHANE

2.3 Other hazards:

This product does not contain any substances classified as PBT or vPvB.

3. Composition/Information on Ingredients

3.2. Mixtures

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS CAS number: 68476-85-7 EC number: 270-704-2	30-60%
Classification Flam. Gas 1A - H220 Press. Gas (Liq.) - H280	

DICHLOROMETHANE CAS number: 75-09-2 EC number: 200-838-9	30-60%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373	

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

4. First Aid Measures

4.1 Description of first aid measures:

General information :

Move affected person to fresh air at once.

Eye Contact:

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Skin Contact:

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Ingestion:

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

Inhalation:

If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed:

General information :

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor :

Treat symptomatically.

5. Fire Fighting Measures

5.1 Suitable Extinguishing Media:

Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2 Special hazards arising from the substance or mixture:

Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable. Forms explosive mixtures with air.

5.3 Advice for Fire Fighters.

Protective actions during

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Warn firefighters that aerosols are involved. Use water to keep fire exposed containers cool and disperse vapours.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Personal precautions

Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

6.2 Environmental precautions:

Environmental precautions

Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

6.3 Methods and Materials for Containment and Clean Up:

Methods for cleaning up

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb spillage with inert, damp, non-combustible material.

6.4 Reference to other sections:

Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

7. Handling and Storage

7.1 Precautions for safe handling:

Usage precautions

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Do not spray on a naked flame or any incandescent material. Eliminate all sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities:

Storage precautions

Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Extremely flammable.

7.3 Specific end use(s):

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

Occupational exposure limits

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 350 mg/m3(Sk)

Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 1060 mg/m3(Sk)

IWEL = Workplace Exposure Limit.

Ingredient comments: WEL = Workplace Exposure Limits

8. Exposure Controls/Personal Protection

DICHLOROMETHANE (CAS: 75-09-2)

DNEL

- Industry - Inhalation; Short term systemic effects: 353 mg/m³
- Industry - Dermal; Long term systemic effects: 2395 mg/kg/day
- Industry - Dermal; Long term local effects: 88.3 mg/m³
- Industry - Oral; Long term local effects: 0.06 mg/kg/day
- Consumer - Inhalation; Short term systemic effects: 706 mg/m³
- Consumer - Dermal; Long term systemic effects: 4750 mg/kg/day
- Consumer - Inhalation; Long term systemic effects: 353 mg/m³

PNEC

- Fresh water; 0.54 mg/l
- marine water; 0.194 mg/l
- Intermittent release; 0.27 mg/l
- Sediment (Freshwater); 4.47 mg/kg
- Sediment (Marinewater); 1.61 mg/kg
- Soil; 0.583 mg/kg
- STP; 26 mg/l

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Aerosol
Colour:	Amber
Colour	Off-white.
Odour	Chlorinated hydrocarbons.
Initial boiling point and range	-40 to -2°C @ 1013 hPa
Flash point	<-40°C
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1.8% Upper flammable/explosive limit: 9.5%

Personal protection

Do not eat, drink or smoke when using this product.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Vapour pressure	ca. 590 to 1760 kPa @ 45°C
Vapour density	ca. 1.5 at 15°C
Auto-ignition temperature	410-580°C
Decomposition Temperature	<100°C

9.2 Other information

Other information :	Not available
Volatile organic compound :	This product contains a maximum VOC content of 736 g/l.

10. Stability and Reactivity

10.1 Reactivity:	Stable at normal ambient temperatures and when used as recommended.	10.6 Hazardous Decomposition Products:	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
10.2 Chemical Stability:	Avoid the following conditions: Heat, sparks, flames.		
10.3 Hazardous Reactions:	Does not decompose when used and stored as recommended.		
10.4 Conditions of avoid:	Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.		
10.5 Incompatible materials:	Keep away from oxidising materials, heat and flames.		

11. Toxicological Information

11.1 Information on toxicological effects:		Acute and chronic health hazards	Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
General information :	Known or suspected carcinogen for humans. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.	Route of exposure :	Inhalation Skin absorption
Inhalation :	In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.	Target organs :	Central nervous system Respiratory system, lungs Liver
Ingestion :	May cause discomfort if swallowed.	Medical symptoms :	Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.
Skin contact :	Liquid may irritate skin. Prolonged contact may cause dryness of the skin.		
Eye contact :	Irritation of eyes and mucous membranes. May cause chemical eye burns. Irritation, burning, lachrymation, blurred vision after liquid splash.		

12. Ecological Information

Ecotoxicity:	No negative effects on the aquatic environment are known.	12.3 Bio Accumulative Potential:	Not available.
12.1 Toxicity:	Not available.	12.4 Mobility in soil	Not available.
12.2 Persistence and Degradability:	Not available.	12.5 Results of PBT and vPvB assessment:	Not available.
		12.6 Other adverse effects	Not available.

13. Disposal Considerations

13.1 Waste treatment methods:	Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.
General information	
Do not puncture or incinerate, even when empty.	
Disposal methods	
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.	

14. Transport Information

14.1 UN number:		14.4 Packing group:	
UN No. (ADR/RID)	1950	ADR/RID packing group	None
UN No. (IMDG)	1950	IMDG packing group	None
UN No. (ICAO)	1950	ICAO packing group	None
UN No. (ADN)	1950	ADN packing group	None
14.2 UN proper shipping name:		14.5 Environmental hazards:	
Proper shipping name (ADR/RID)	AEROSOLS	Environmentally hazardous substance/marine pollutant	
Proper shipping name (IMDG)	AEROSOLS	No.	
Proper shipping name (ICAO)	AEROSOLS	14.6 Special precautions for user:	
Proper shipping name (ADN)	AEROSOLS	EmS	F-D, S-U
		ADR transport category	2
		Tunnel restriction code	(D)
14.3 Transport hazard class(es):		14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	
ADR/RID class	2.1	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
ADR/RID classification code	5F		
ADR/RID label	2.1		
IMDG class	2.1		
ICAO class/division	2.1		
ADN class	2.1		

Transport labels;



15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/ Legislation Specific for the Substance or Mixture:

National regulations :

Control of Substances
Hazardous to Health
Regulations 2002 (as
amended).

EH40/2005 Workplace
exposure limits.

The Aerosol Dispensers
Regulations 2009 (SI
2009 No. 2824).

The Carriage of
Dangerous Goods and
Use of Transportable
Pressure Equipment
Regulations 2009 (SI
2009 No. 1348) (as
amended) ["CDG 2009"].

Guidance :

Workplace Exposure
Limits EH40.

Safety Data Sheets for
Substances and
Preparations.

Approved Classification
and Labelling Guide
(Sixth edition) L131.

British Aerosol
Manufacturers Code of
Practice 7th. Edition
1999

15.2 Chemical Safety Assessment:

No chemical safety assessment has been carried out.

16. Other Information

Hazard statements in full:

- H220 Extremely flammable gas
- H222 Extremely flammable aerosol
- H229 Pressurised container: may burst if heated
- H280 Contains gas under pressure; may explode if heated
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness
- H351 Suspected of causing cancer
- H373 May cause damage to organs through prolonged or repeated exposure
- H373 May cause damage to organs through prolonged or repeated exposure if inhaled

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 themselves as to the suitability of such information for their own particular use.

