

SAFETY DATA SHEET

SECTION 1

Product & Supplier Identification

Product Name: Spraycraft Airbrush Propellant Aerosols
Product Code: SP9300, SP9500, SP9750

Company: Shesto Ltd
Address: Sunley House, Olds Approach, Watford WD18 9TB, United Kingdom
Telephone: +44 (0)20 8451 6188

Use: Propellant

SECTION 2

Hazards Identification

Classification of the substance or mixture

Classification

| | |
|-----------------------|------------------------|
| Physical hazards | Aerosol 1 - H222, H229 |
| Health hazards | Not Classified |
| Environmental hazards | Not Classified |

Human health: Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.

Environmental: The product is not expected to be hazardous to the environment.

Physicochemical: Containers can burst violently or explode when heated, due to excessive pressure build-up. The product is extremely flammable. Vapours may form explosive mixtures with air.

Label elements

Pictogram



Signal word Danger

Hazard statements H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated

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.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing vapour/spray.

P271 Use only outdoors or in a well-ventilated area.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Other hazards

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

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| SECTION 3 | Composition/Information on Ingredient |
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Mixtures

| | | |
|-----------------------------------|-------------------------------|----------------|
| PETROLEUM GASES, LIQUEFIED | <0.1% 1,3-BUTADIENE | 60-100% |
| CAS number: 68476-85-7 | EC number: 270-704-2 | |
| Classification | | |
| Flam. Gas 1A - H220 | | |
| Press. Gas, Compressed - H280 | | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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| SECTION 4 | First Aid Measures |
|------------------|---------------------------|

Description of first aid measures

General information: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly.

Ingestion: Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.

Skin contact: Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact: Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

Protection of first aiders: First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information: See Section 11 for additional information on health hazards.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

SECTION 5**Fire Fighting Measures****Extinguishing media**

Suitable extinguishing media: Foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Specific hazards: Containers can burst violently or explode when heated, due to excessive pressure build-up.

Advice for firefighters

Protective actions during firefighting: Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

SECTION 6**Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

Environmental precautions: Avoid discharge into drains.

Methods and material for containment and cleaning up

Methods for cleaning up: Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

Reference to other sections

Reference to other sections: For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7**Handling & Storage****Precautions for safe handling**

Usage precautions: Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Use suitable respiratory protection if ventilation is inadequate.

Advice on general: Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke

Occupational hygiene: when using this product.

Conditions for safe storage, including any incompatibilities

Storage precautions: Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame.

Specific end use(s)

Specific end use(s): The identified uses for this product are detailed in Section 1.2.



SECTION 8

Exposure Control/ Personal Protection

Control parameters

Occupational exposure limits

PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE

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

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

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

WEL = Workplace Exposure Limit

Exposure controls

Eye/face protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection: No specific requirements are anticipated under normal conditions of use.

Other skin and body protection: Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

Respiratory protection: No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9

Physical & Chemical Properties

Information on basic physical and chemical properties

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| Appearance | Aerosol. |
| Colour | Clear. |
| Odour | No characteristic odour. |
| Odour threshold | No information available. |
| pH | No information available. |
| Melting point | No information available. |
| Initial boiling point and range | -41°C @ |
| Flash point | -40°C CC (Closed cup). |
| Evaporation rate | No information available. |
| Evaporation factor | No information available. |
| Flammability (solid, gas) | No information available. |
| Upper/lower flammability or explosive limits | Lower flammable/explosive limit: 1.8 % Upper flammable/explosive limit: 9.5 % |
| Vapour pressure | No information available. |
| Vapour density | No information available. |
| Relative density | 0.535 |
| Solubility(ies) | Insoluble in water. |
| Partition coefficient | No information available. |
| Auto-ignition temperature | 495°C |
| Decomposition Temperature | No information available. |



| | |
|---------------------------------|---------------------------|
| Viscosity | No information available. |
| Explosive properties | No information available. |
| Oxidising properties | No information available. |
| <u>Other information</u> | |
| Other information | None. |

SECTION 10**Stability & Reactivity****Reactivity**

Reactivity: No test data specifically related to reactivity available for this product or its ingredients.

Chemical stability

Stability: The product may not be stable under some conditions of storage or use.

Possibility of hazardous reactions

Possibility of hazardous reactions: None known

Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

Incompatible materials

Materials to avoid: None known.

Hazardous decomposition products

Hazardous decomposition products: None at ambient temperatures

SECTION 11**Toxicological Information****Information on toxicological effects**

Inhalation: Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.

Skin contact: Skin irritation should not occur when used as recommended.

Eye contact: No significant hazard at normal ambient temperatures.

Acute and chronic health hazards: No known chronic or acute health risks.

Route of entry: Inhalation Skin and/or eye contact

SECTION 12**Ecological Information****Toxicity****Persistence and degradability**

Persistence and degradability: No data available.

Bioaccumulative potential

Partition coefficient: No information available.

Mobility in soil: No data available



Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Other adverse effects: None known.

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|-------------------|--------------------------------|
| SECTION 13 | Disposal Considerations |
|-------------------|--------------------------------|

Waste treatment methods

General information: Dispose of waste product or used containers in accordance with local regulations Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Disposal methods: Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not pierce or burn, even after use.

Waste class The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

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|-------------------|------------------------------|
| SECTION 14 | Transport Information |
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UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 1950 |
| UN No. (IMDG) | 1950 |
| UN No. (ICAO) | 1950 |
| UN No. (ADN) | 1950 |

UN proper shipping name

| | |
|--------------------------------|---------------------|
| Proper shipping name (ADR/RID) | AEROSOLS |
| Proper shipping name (IMDG) | AEROSOLS |
| Proper shipping name (ICAO) | AEROSOLS, FLAMMABLE |
| Proper shipping name (ADN) | AEROSOLS |

Transport hazard class(es)

| | |
|-----------------------------|-----|
| ADR/RID class | 2.1 |
| 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



Packing group

Not applicable.

Environmental hazards

Environmentally hazardous substance/marine pollutant: No

Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15

Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations: The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

EU legislation: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste.

Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 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.

Date of Preparation: 27/11/2022