



C.O.S.H.H Data Sheet

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The information contained within this data sheet has been supplied by the product manufacturer

1. Identification of the Substance

Trade Name: FloPlast Silicon Spray
FloPlast Ltd Product Codes: SL400

2. Chemical Composition

Ingredients	Cas No.	Symbols	Concentr.-%	R-phrase
Propane/Butane	74-98 -6/106-97-8	F+	11-19-36/37	12
Hydrocarbon solvent	64742-49-0	F, Xn, N	7 -12 7	11, 38, 51/53, 65, 67

3. Risks

Hazard:

- Extremely flammable, keep away from sources of ignition.
- In use, may form flammable/explosive vapour-air mixture, particularly on the ground.
- Pressured 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 a naked flame or any incandescent material.
- Ensure adequate ventilation when in use, vapours may cause drowsiness and dizziness.
- Harmful: may cause lung damage if swallowed.
- Irritant: irritating to skin

Environment:

- Dangerous for the environment.
- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Risk Phrases:

- R43

Safety Phrases:

- S24/29/33

4. First Aid Measures

Inhalation:

- Ensure supply of fresh air. Use mouth-to-mouth or mouth-to-nose resuscitation, in the case of feeling unwell seek medical advice.

Eye Contact:

- If required remove any contact lenses, Irritate eye with clean water for at least 10 minutes, and seek medical advice.

Skin Contact:

- Wash with soap and water; if necessary remove all contaminated clothing. After cleaning moisturise the skin, if in doubt seek medical advice.

Ingestion:

- May be harmful if ingested seek immediately seek medical advice.

5. Fire Fighting Measures

Extinguishing media: Carbon dioxide, Foam or Chemical, (sand or earth may be used for small fires only)

Unusual fire and explosion hazards: Fire exposed containers should be sprayed in water to reduce the risk of explosion. Any fire will produce dense black smoke containing combustion hazards, which may be a health risk.

Protective equipment: Protective clothing and breathing apparatus.

Unsuitable extinguisher media: **Water spray jet**

6. Measures By Accidental Release (Leaks/Spillage)

Personal Safety Precaution:

- Ventilate area.
- Avoid skin and eye contact.

Environmental Precautions:

- None established.
- Prevent contamination of soil and water.
- Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. :
- Ozone friendly propellant.

Cleaning Method:

- Absorb with inert absorbent and dispose of in accordance with local authority regulations.
- Clean affected area by washing with water and detergent, dispose off any leaking cans.

7. Handling and Storage

Handling:

- Use only in well ventilated areas.
- Keep away from sources of ignition.
- Do not smoke.
- Avoid contact with skin and eyes, and avoid inhalation.
- Protect against solar radiation.

Storage:

- Observe local regulations for storage off aerosol cans.
- Store in well-ventilated areas only.
- Do store above 50°C.
- Do not carry in car interior.

8. Precautions to Control Exposure/ Personal Protection

Contains Propane/Butane (MAC-value 1000ppm) and Hydrocarbon solvent (MAC-value 200ppm).

Respiratory Protection: Required when used in confined or poorly ventilated areas.

Skin Protection: Protective gloved recommended, no protection required.

Eye Protection: Face masks or goggles are recommended during treatment of large quantities.

Industrial Hygiene:

- During work-time and during work intervals any affected skin must be thoroughly cleaned.
- Whilst working do not eat, drink, smoke or take drugs.

9. Physical and Chemical Properties

- Physical state:	Aerosol
- Appearance:	Colourless
- Odour:	Characteristic like solvent
- Change in physical state:	Not applicable
- Flash point:	Not applicable
- Ignition Point (spray mist)	>240°C
- Explosion Point:	Lower: 0.8 Vol% Upper: no data available
- Density:	20°C 0.58g/ml
- Vapour Pressure:	20°C 3.50mbar
- Viscosity:	No data available
- Solubility:	Insoluble in water
- Octanol/water partition coefficient:	No data available

10. Stability and Reactivity

Hazardous decomposition products: None at appropriate use. When in contact with flame or hot surfaces chlorine and fluorine products may be produced

Hazardous reactions: Keep aerosol below 50°C, keep away from heat sources, points of ignition and direct sunlight.

Materials to avoid: Oxidizing agents.

Stability: Stable

11. Toxicology Information

Contents hydrocarbon solvent (MAC-value 200ppm).

Inhalation Toxicity:

- Irritating respiratory tract
- At high concentration this product may have a narcotic and anaesthetic effect.

Skin Toxicity:

- Irritating to skin and mucus membranes and may lead to dermatitis.

Ingestion Toxicity:

- Not known.

Eye Toxicity:

- Irritates eyes.

Long Term Effects:

- Unknown.

12. Ecological Information

Biodegradability:

- Water hazard class 1 (self-classification).
- Water contaminating. Do not allow to enter soil, waterways or waste water.

13. Waste Disposal

Method

- Dispose of in accordance with local regulations.
- For recycling, consult waste disposal centres.
- EAK-Number 16 05 04

14. Transport

Shipping Name:	Aerosol		
UN	UN No: 1950	Hazard Class: 2	Item 10 (bt) 1
RID/ADR (Road/rail)	Name: Aerosol UNNO: 1950 Limited Quantities: LQ2 Danager label: 2.1	Hazard Class: 2	Classification: 5F
ICAO/IATA – DGR (Air)	Name: Aerosols, flammable UNNO: 1950 EmS-Nr: F-D, S-U Marine pollutant: no	Hazard Class: 2	
IMDG (Sea)	Name: Aerosol 1133 UNNO: 1950	Hazard Class: 2.1	

15. Regulatory Information

The product is classified and labelled in accordance with EC directives / German regulations on dangerous substances.

Labelling Symbol: F Xn

Risk phrase: R43

Safety phrase: S24/29/33

Hazard description: Highly Flammable

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 a naked flame or any incandescent material. Keep away from sources of ignition – No smoking. Keep out of the reach of children. In use, may form flammable/explosive vapour-air mixture. Do not breathe spray. Use only in well ventilated areas. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Dispose of this material and its container to hazardous or special waste collection point. For proper disposal empty aerosol can completely.

16. Other Information

The details contained herein are based upon the manufacturer's present state of knowledge and experience and are to characterise the product with regard to any possible safety requirements. We do however; pass them on as does the manufacturer without any warranty or property assurances.

It is your duty to secure that any person handling or using this product is provided with the information on this data sheet, even if the material has been purchased to supply to a third party for use at work.

It is an employers duty to tell their employees and others who may be affected, of any hazards described in this Safety Data Sheet and of any precautions, which should be taken.

Text for R-phrases shown in section 2 describing each ingredient:

R11	Highly flammable
R12	Extremely flammable
R38	Irritating to skin
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: May cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness