



FIVE STAR PRODUCTS LTD
 3 Chinook Place, Hornby, Christchurch
 PO Box 16017, Hornby, Christchurch 8441, New Zealand
 Tel 03 349 6514 Fax 03 349 8732
 info@5starproducts.co.nz
 www.5starproducts.co.nz

**"RESPONSIVE,
 INNOVATIVE,
 SOLUTION FINDERS"**



Safety Data Sheet

SILICONE SPRAY

1. Identification of Material and Supplier

Product Name: Silicone Spray
 Product Code: SSP0400
 Other Names:
 Recommended Use: General lubrication and release.
 Company: Five Star Products Ltd
 Address: 3 Chinook Place, Hornby, Christchurch 8042
Emergency Telephone: (03) 349 6514 ask for Technical Manager
 Telephone/Fax number: Tel: (03) 349 6514 Fax: (03) 349 8732
 New Zealand National Poison Centre: 0800 POISON (0800 764 766)

2. Hazards Identification

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and the Hazardous

Signal Word: Danger / Warning
 GHS Hazard Classification: Aerosol Category 1
 Eye irritation Category 2
 Aquatic toxicity (chronic) Category 2

HSNO Hazard Classification: 2.1.2A Flammable aerosol
 6.4A Irritating to the eyes
 9.1B Ecotoxic in the aquatic environment with long lasting effects (chronic)
 Hazardous to the aquatic environment chroniccategory 3

Pictogram



Hazard Statements: Extremely Flammable Aerosol
 Pressurized container: may burst if heated
 Causes serious eye irritation
 Toxic to aquatic life with long lasting effects

Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
 P211: Do not spray on an open flame or other ignition source
 P251: Do not pierce or burn, even after use
 P280: Wear protective gloves, protective clothing/eye protection
 P264: Wash thoroughly after handling
 P273: Avoid release to the environment

Response: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing
 P337+P313: If eye irritation persists: Get medical advice/attention
 P391: Collect spillage
 Storage: P410+P412: Protect from sunlight, Do not expose to temperatures exceeding 50 Degrees C
 Disposal: P501: Dispose of contents/container in accordance with local government regulations

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3. Composition/information of Ingredients

Hazardous Ingredients	CAS No.	Proportion, % m/m
Heptanes	142-82-5	10 - 30
Isohexane	107-83-5	10 - 30
Hydrocarbon propellant (LPG - Propane, Butane)	68476-85-7	30 - 60
Non-hazardous ingredients	-	to 100

4. First Aid Measures

Inhalation:	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.
Ingestion:	Do not induce vomiting. Give 1-2 glasses of water and if you are concerned seek medical attention.
Skin:	Wash skin thoroughly with soap and water. If skin irritation or rash occurs - seek medical attention
Eye:	Flush eye thoroughly with copious amounts of water for at least 5 minutes. Retract eyelids frequently. Remove contact lenses if present and easy to do so. Seek medical attention if irritation persists.
Advise to doctor:	Treat symptomatically.

Health Effects

Inhalation:	Irritating to mucous membranes and respiratory system
Ingestion:	Can be harmful if swallowed
Skin:	Can be irritating to skin upon repeated or prolonged contact
Eye:	Irritating to eyes
Long Term Hazard:	None known

5. Fire Fighting Measures

Extinguishing media:	For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do not discharge extinguishing waters into the aquatic environment.
Specific Hazards:	Pressurised, extremely flammable aerosol
Special Fire fighting Procedures:	On burning may emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of
Special protective equipment:	Firefighters must use standard protective equipment including flame retardant coat,
Hazchem code:	2YE

6. Accidental Release Measure

Minor spills:	Clean up all spills immediately. Provide ventilation. Remove all sources of ignition. If safe, damaged cans should be placed in a container outdoors, away from all ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely.
Major spills:	Evacuate the spill area. Call the Fire Brigade. Remove all sources of ignition. If safe to do so, prevent spillage from entering drains or water courses. If material enters drains, advise emergency services. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal.

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7. Handling and Storage

Container Type and Material:	Metal Can
Handling Precautions:	Read product label before use. Keep out of reach of children. This product is highly flammable. Keep away from heat and open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurised container: Do not pierce or burn, even after use. Use in a well-ventilated area. Avoid breathing spray. Wash hands with soap and water after handling.
Storage:	Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Store in a well ventilated, cool, dry place. Keep away from heat, sparks, and flame. Store locked up.

8. Exposure Controls/Personal Protection

National Exposure standards:

Material	3 TWA, mg/m	3 STEL, mg/m
Heptanes	1,640	2,050
LPG (Liquefied petroleum gas – butane, propane)	1,800	-

Biological Limit Values:	No biological limit values available for this product.
Engineering Controls:	No controls required when handling small quantities. Use outdoors or with adequate ventilation. Larger quantities: General exhaust is adequate under normal operating conditions. Ventilation equipment and lighting should be explosion-resistant.
Respiratory Protection:	Generally not required for small quantities. In an industrial environment: gloves, safety glasses or chemical goggles are recommended. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. In case of inadequate ventilation wear respiratory protection. If TWA is exceeded, wear an approved respirator with a type A filter.
Eye Protection:	Not ordinarily required. Safety goggles or splash mask are optional.
Hand Protection:	Not ordinarily required. Gloves are optional.
Body Protection:	Wear normal clothing covering arms and legs to reduce contact with skin.
Other:	

9. Physical and Chemical Properties

Appearance:	Colourless oily spray
Colour:	Clear
Vapour Density	> 1 (Air=1)
Melting Point:	Less than 0°C
Boiling Point:	About 60°C
Solubility in Water (g/l):	Not soluble
Flash Point:	< 0 (propellant) Explosion Limit, % v/v: LEL 1.2% UEL 9.5%

10. Stability and Reactivity

Chemical Stability:	Stable under normal conditions of use. Not reactive.
Conditions to Avoid:	Avoid elevated temperatures.
Incompatible Materials:	Avoid oxidisers.
Hazardous Decomposition Products:	
Hazardous Polymerization:	Will not occur

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11. Toxicological Data

Basis for Assessment:	Information given is based on product testing, and/or similar products, and/or components
Acute Oral Toxicity:	LD50 estimated to be > 5,000 mg/kg (based on component mixture, excluding propellant).
Acute Dermal Toxicity:	LD50 estimated to be > 5,000 mg/kg (based on component mixture, excluding propellant).
Acute Inhalation Toxicity:	LC50 estimated to be > 20 mg/L, Rat 4 hour (based on component mixture). Beware: Deliberately sniffing or inhaling concentrated contents can be harmful or fatal.
Skin Irritation:	May cause skin irritation. Prolonged/repeated contact may cause contact dermatitis.
Eye Irritation:	Spray may be irritating to the eye.
Inhalation:	May cause drowsiness or dizziness. Inhalation may cause narcotic effects.
Respiratory Irritation:	Inhalation of vapours or mists may cause irritation to the respiratory system.
Sensitisation:	Product is not expected to be a sensitiser
Mutagenicity:	Not expected to be mutagenic.
Carcinogenicity:	Product is not a suspected human carcinogen.
Reproductive toxicity:	Not expected to be toxic.
Specific Target Organ Toxicity: STOT (Narcotic):	Not expected to be toxic. Prolonged inhalation of vapours may be narcotic and cause drowsiness or dizziness.
Repeated Dose Toxicity:	Prolonged and repeated contact with product may result in irritant contact dermatitis.
Additional Information:	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

12. Ecological Information

Ecotoxicity:	Harmful to the aquatic life with long lasting effects. Avoid discharge into waterways.
Persistence and degradability:	No information available for this product.
Mobility:	No information available for this product.
Environmental Fate:	Avoid contaminating waterways.
Bio accumulative Potential:	No information available for this product.

13. Disposal Considerations

Waste Disposal:	Follow Local Government regulations for disposal of the waste. Avoid discharge into stormwater drains, sewers and waterways, contact the Local authorities if this occurs.
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14. Transport Information

Transport information New Zealand:	Classified as a Dangerous Good for transport purposes. Class 2.1 should not be loaded on the same vehicle as Classes 1, 3 (where both are in bulk), 4, 5, and 7. They may be loaded with Classes 3, 6, 8, 9, foodstuffs and foodstuff empties.	
UN Number:	1950	
Proper Shipping Name:	Aerosols	
DG Class:	2.1	
Subsidiary risk	Not Applicable	
Hazchem Code:	2YE	
Packing Group:	Not Applicable	
Transport labels required	Land, Sea, Air	Sea, Air



Marine Pollutant	Yes
EMS Number	F-D, S-U (UN 1950 Flammable aerosols)
DG Segregation:	This product is classified as a Dangerous Goods. Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

15. Regulatory Information

Hazard Classifications New Zealand:	Group Standard: HSR002515 Aerosols (Flammable) Group Standard 2020
Toxic Substance Schedule:	NA

16. Other Information

Revision Date:	SDS Reviewed April 2024
Legend to abbreviations and Acronyms:	NA = Not Applicable C = Celsius
Literature References:	No data available
Sources for Data:	No data available

Disclaimer

"This technical information is given in good faith, based on our experience and tests. However, subject to any implied terms, conditions, or warranties imposed by the manufacturer, there shall be no right of redress against the manufacturer under the Consumer Guarantees Act 1993 in respect of goods which fail to comply with any express guarantees made by the manufacturer in relation to the information contained herein shall apply