



## DC Products Pty Ltd Material Safety Data Sheet

### DC PRODUCTS PTY LTD SLIPICONE

#### STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia.

#### 1. COMPANY DETAILS

- 1.1 Company:** DC Products Pty Ltd, ABN 083 510 67472 4048  
**1.2 Address:** Unit 117/45 Gilby Road, Mt Waverley, Vic, 3149, Australia  
**1.3 Telephone Number:** 61 3 9558 8898  
**1.4 Emergency Telephone Number :** 0418 529 118

#### 2. Identification

- 2.1 Product Name:** DC PRODUCTS PTY LTD SLIPICONE  
**2.2 Other Name:** Silicone in solvent  
**2.3 Manufacturer's Product Code:** 01776321  
**2.4 Correct Shipping Name:** AEROSOLS  
**2.5 Un No.:** 1950  
**2.6: Dangerous Goods (Class and Subs Risk):** 2.1  
**2.7: IADA Dangerous Goods Class:** 2.1  
**2.8: IMDG Dangerous Goods Class:** 2  
**2.9: Hazchem Code:** 2YE  
**2.10 Poisons Schedule Number:** Not applicable.  
**2.11 Use:** Lubricant  
**2.12 Physical Description/Properties**  
Physical Form: Aerosol.  
Colour: Colorless  
Odour: Solvent Odor.  
Boiling Point: Not determined.  
Melting Point: Not determined.  
Vapour Pressure: Not determined.  
Specific Gravity @ 25°C: 0.7  
Flash Point: Not applicable.  
Lower Flammability Limit: Not determined.  
Upper Flammability Limit: Not determined.  
Solubility in Water: Not determined.  
Volatile Content: Not determined.  
**2.13 Other Properties**  
Viscosity: Not determined.  
Vapour Density: Not determined.  
pH: Not determined.  
Autoignition temperature: Not determined.



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The above information is not intended for use in preparing product specifications. Contact DC Products Pty Ltd before writing specifications.

#### 2.14 Ingredients:

Chemical Name	CAS Number	Proportion %
Propane	74-98-6	>30
Butane	106-97-8	>30
Hexane	64742-49-0	15 - <30
di-Me Silixane and Silicones	63148-62-9	<10
Reaction products with Silica	68583-49-3	<10

Ingredients determined not to be hazardous to 100%.

### 3. Health Hazard Information

#### 3.1 Health Effects

##### Acute

Ingestion:	Low ingestion hazard in normal use.
Eye:	Direct contact may cause moderate irritation.
Skin:	May cause moderate irritation.
Inhalation:	Vapor and/or mist may irritate nose and throat. Overexposure by inhalation may cause central nervous system depression which may be characterized by drowsiness, dizziness, confusion, loss of coordination, unconsciousness, and at very high concentration even death.

##### Chronic

Ingestion:	Repeated ingestion or swallowing large amounts may injure internally.
Skin:	Repeated or prolonged exposure may irritate seriously.
Inhalation:	Exposures to high concentrations may cause cardiac sensitization. Overexposure by inhalation may injure the following organ(s): Nervous system. Kidneys. Testes.

**3.2 Mutagenic Effects:** None known.

**3.3 Reproductive Effects:** None known.

**3.4 Carcinogenic Effects:** None known.

**3.5 Other Health Hazard:** Prolonged overexposure to n-Hexane may cause peripheral nerve damage consisting of numbness, tingling, and muscle weakness.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

#### 3.6 First Aid:

Ingestion:	No first aid should be needed.
Eye:	Immediately flush with water for 15 minutes. Get medical attention.



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Skin:	Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.
Inhalation:	Remove to fresh air. Get medical attention if ill effect persist.
First Aid Facilities:	None should be required.
Comments:	Treat according to person's condition and specifics of exposure.
Advice to Doctor:	Treat Symptomatically. For further information, the Medical Practitioner should contact DC Products Pty Ltd.
<b>4. Precautions for Use</b>	
<b>4.1 Exposure Standards:</b>	
<b>Ingredients</b>	<b>Exposure Limits</b>
Hexane	Australia: TWA 50 ppm (176 mg/m <sup>3</sup> ) STEL 1,000 ppm (3,500 mg/m <sup>3</sup> ) OSHA PEL (final rule) and ACGIH TLV-skin: TWA 50 ppm.
<b>4.2 Engineering Controls</b>	
Local Exhaust:	Recommended
General Ventilation:	Recommended
<b>4.3 Personal Protection</b>	
Respiratory:	Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.
Suitable Respirator:	Organic Vapor/Dust/Mist Type.
Hand:	Chemical protective gloves should be worn.
Eye:	Use chemical worker's goggles.
Skin:	Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.
Personal Hygiene:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
Note: For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (SEHSC) or contact the DC Products customer service group.	
<b>4.4 Flammability</b>	
Fire Hazards (precautions to be taken in handling and storage)	Contents under pressure. Do not store above 120 degrees F/49 degrees C or in direct sunlight. Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert



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Unusual Fire Hazards:	gas purge. Keep container closed and away from heat, sparks, and flames. Vapours are heavier than air and may travel to a source of ignition and flash back.
<b>5. Safe Handling Information</b>	
<b>5.1 Advice on Safe Handling</b>	
Local Exhaust:	Recommended.
General Ventilation:	Recommended.
Dangerous Goods Class:	2.1
Handling Precautions:	Use with adequate ventilation. Avoid skin and eye contact. Do not breathe vapour, mist, dust or fumes. Keep container closed. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially eating, drinking or smoking.
Storage Conditions	Contents under pressure. Do not store above 120 degrees F/49 degrees C or in direct sunlight. Static electricity will accumulate and may ignite vapours. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks and flame.
Unsuitable Packaging Materials:	None established.
<b>5.2 Spills</b>	
Personal Precautions:	Avoid skin and eye contact. Do not breathe vapour, mist, dust or fumes. Keep container closed. Do not take internally.
Environmental Precautions:	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
Methods for Cleaning up:	Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.
<b>5.3 Waste Disposal</b>	
Product Disposal:	Dispose of in accordance with local regulations.
Packaging Disposal:	Packaging should be disposed of in accordance with regional and/or national regulations.
<b>5.4 Stability and Reactivity:</b>	
Stability:	Stable.
Conditions to Avoid:	None.



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Materials to Avoid:	Oxidizing material can cause a reaction.
Conditions to Avoid:	None.
Hazardous Decomposition Products:	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.
Hazardous Polymerisation:	Hazardous polymerization will not occur.

#### 5.5 Fire/Explosion Hazard

Extinguishing Media:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Water can be used to cool fire exposed containers.
Unsuitable Extinguishing Media:	None established.
Unusual Firefighting Hazards:	Vapours are heavier than air and may travel to a source of ignition and flash back.
Special Firefighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Hazardous Decomposition Products:	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.
Hazchem Code:	2YE

#### 6. Regulatory Information

##### 6.1 Classification and Labelling

<b>Classification</b>	Xn Harmful F+ Extremely flammable
<b>R-phrases:</b>	R12 Extremely flammable. R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
<b>S-phrases:</b>	S16 Keep away from sources of ignition – No smoking. S23(S) Do not breathe spray. S24/25 Avoid contact with skin and eyes. S37 Wear suitable gloves. S51 Use only in well-ventilated areas.



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#### 6.2 Chemical Inventories

AICS:	All ingredients listed or exempt.
EINECS:	Not determined.
TSCA:	Not determined.
MITI:	Not determined.
KECL:	Not determined.
DSL:	Not determined.
IECSC:	Not determined.
PICCS:	Not determined.

#### 7. Other Information

Contact Point: Technical Services Engineer 0418 529 118  
Prepared by: DC Products Pty Ltd

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this Company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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