



# SAFETY DATA SHEET

**S300-N General Purpose Silicone- Neutral**

**ISSUE DATE: 01/06/2018**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name**

S300-N General Purpose Silicone - Neutral

**Company Name**

Voltex Electrical Accessories

**Address**

1 Iris Street Melrose Park  
South Australia 5039 Australia

**Emergency Tel.**

AUS: 1800 033111 (or IDD +61 3 9663 2130), NZ: 0800 734 607 (Or IDD +64 473 4607)

**Telephone/Fax Number**

Tel: Customer Service: AUS: 1300722275 NZ: 0800556633

**Recommended Use**

Sealant

**Other Information**

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since Voltex Electrical Accessories cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the 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.

## 2. HAZARD IDENTIFICATION

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**Hazard Classification**

Australia:

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

New Zealand:

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

HSNO Classification:

6.3B - Substance that is mildly irritating to the skin

6.5B - Substance that is a contact sensitiser

6.7B - Substance that is a suspected human carcinogen

6.9B (Repeated exposure) - Substance that is harmful to human target organs or systems

8.3A - Substance that is corrosive to ocular tissue  
9.2C - Substance that is harmful in the soil environment

**Pictogram (s)**

Exclamation mark, Health hazard, Corrosion

**Signal Word (s)**

Danger

**Hazard statement codes:**

H316 Causes mild skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H423 Harmful to the soil environment.

**Precautionary statement codes - Prevention:**

P102\* Keep out of reach of children.  
P103\* Read label before use.  
P104 Read Safety Data Sheet before use.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P281 Use personal protective equipment as required.

**Precautionary statement codes - Response:**

P101\* If medical advice is needed, have product container or label at hand.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P314 Get medical advice/attention if you feel unwell.  
P308+P313 IF exposed or concerned: Get medical advice/ attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P363 Wash contaminated clothing before reuse.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

**Precautionary statement codes - Storage:**

P405 Store locked up.

**Precautionary statement codes - Disposal:**

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

**Risk Phrase(s)**

R36 Irritating to eyes.  
R43 May cause sensitization by skin contact.

**Safety Phrase(s)**

S2 Keep out of reach of children.  
S23 Do not breathe gas/fumes/vapour/spray  
S56 Dispose of this material and its container at hazardous or special waste collection point.  
S60 This material and its container must be disposed of as hazardous waste.  
S64 If swallowed, rinse mouth with water (only if person is conscious).  
S24/25 Avoid contact with skin and eyes.  
S36/37 Wear suitable protective clothing and gloves.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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#### Ingredients

Name	CAS	Proportion
Distillates, petroleum, hydrotreated middle	64742-46-7	25-<30 %
2-Butanone,O,O',O''(ethenylsilyldyne)trioxime	2224-33-1	1-<5 %
2-Butanone, O,O',O''-(methylsilyldyne)trioxime	22984-54-9	1-<5 %
Methylethylketoxime	96-29-7	0.1-<1 %
Ingredients determined not to be hazardous		Balance

### 4. FIRST-AID MEASURES

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#### Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

#### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

#### Skin

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

#### Eye

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

#### First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

#### Advice to Doctor

Treat symptomatically.

#### Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

### 5. FIRE-FIGHTING MEASURES

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#### Suitable Extinguishing Media

On large fires use dry chemical or foam.

On small fires use carbon dioxide or dry chemical. Water can be used to cool fire exposed containers.

#### Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon oxides, traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde, nitrogen oxides and metal oxides.

#### Specific Hazards

This product will burn if exposed to fire.

#### Decomposition Temperature

Not available

#### Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

### **Unsuitable Extinguishing Media**

Water. Do not allow extinguishing medium to contact container contents.

## **6. ACCIDENTAL RELEASE MEASURES**

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### **Emergency Procedures**

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## **7. HANDLING AND STORAGE**

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### **Precautions for Safe Handling**

Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene by washing hands prior to eating, drinking, smoking or using toilet facilities. Avoid exposure. Do not handle until all safety precautions have been read and understood.

### **Conditions for Safe Storage**

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

### **Storage Regulations**

Classified as a Class 1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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### **National Exposure Standards**

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### **Biological Limit Values**

No biological limits allocated.

### **Engineering Controls**

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

### **Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### **Eye Protection**

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### **Hand Protection**

Wear gloves of impervious material such as chemical protective gloves. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

#### Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Appearance	Paste	Odour	Some odour
Decomposition Temperature	Not available	Melting Point	Not available
Boiling Point	Not available	Solubility in Water	Solid material, insoluble in water.
Specific Gravity	0.98	pH Value	Not available
Vapour Pressure	Not available	Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Viscosity	Not available
Colour	Grey	Volatile Component	Not available
Flash Point	100 °C (Seta Closed Cup)	Flammability	Combustible paste
Auto-Ignition Temperature	Not applicable	Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable		

## 10. STABILITY AND REACTIVITY

#### Chemical Stability

Stable under normal conditions of storage and handling.

#### Conditions to Avoid

Heat, open flames and other sources of ignition.

#### Incompatible materials

Can react with strong oxidising agents, water, moisture or humid air can cause hazardous vapors to form.

#### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon oxides, traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde, nitrogen oxides and metal oxides.

#### Hazardous Reactions

Not available

#### Hazardous Polymerization

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

#### Toxicology Information

No toxicity data available for this material. The available acute toxicity data for the ingredient/s is/are given below.

#### Inhalation

Inhalation of dusts/vapors may irritate the respiratory system.

#### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

#### Skin

May be irritating to skin. The symptoms may include redness, itching and swelling. May cause sensitisation by skin contact.

## Eye

Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

## Chronic Effects

Not available

## Acute Toxicity - Oral

Hydrotreated middle petroleum distillates

LD50(rat): > 20,000 mg/kg

Methyl tri(ethylmethylketoxime) silane

LD50(rat): > 2,520 mg/kg

Vinyltri (methylethylketoxime) silane

LD50(rat): > 2,000 mg/kg

Methylethylketoxime

LD50(rat): 2,326 mg/kg

## Acute Toxicity - Dermal

Hydrotreated middle petroleum distillates

LD50(rabbit): > 2,000 mg/kg

Vinyltri (methylethylketoxime) silane

LD50(rat): > 2,000 mg/kg

Methylethylketoxime

LD50(rabbit): > 1,000 - 1,800 mg/kg

## Skin Sensitisation

May cause sensitization by skin contact.

## Other Information

During use of the material, small amounts of methylethylketoxime (MEKO) will be released. Long-term or repeated exposure to high concentrations of oxime-silanes may cause narcotic type effects on the nervous system, harmful effects on the blood (anemia) and irritate nasal passages, but these effects are reversible and not considered serious. Rodents exposed to chronic MEKO inhalation throughout their lifetimes showed significant increases in liver tumor rates.

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

No ecological data available for this material.

### Persistence / Degradability

Not available

### Mobility

Insoluble in water.

### Environmental Fate

This product is a solid and does not contain significant concentrations of water soluble constituents that may be leached from the product. It is therefore not likely to present a danger to terrestrial organisms.

### Bioaccumulative Potential

No bioaccumulation potential.

### Other Adverse Effects

No adverse effects on bacteria are predicted.

### Environmental Protection

Prevent this material entering waterways, drains and sewers.

### Other Information

Mobility in Soil: None known

## 13. DISPOSAL CONSIDERATIONS

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## Disposal considerations

### Australia:

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

### New Zealand:

#### Product Disposal:

Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. The product should be rendered non-hazardous before being sent to a licensed landfill facility. In this specific case the product is a combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal.

Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.

Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.

In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

#### Container Disposal:

The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.

Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.

In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

## 14. TRANSPORT INFORMATION

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### Transport Information

#### Road and Rail Transport:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

#### Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

#### Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### U.N. Number

None Allocated

### Proper Shipping Name

None Allocated

### DG Class

None Allocated

### Packing Group

None Allocated

### Special Precautions for User

Not available

### IMDG Marine pollutant

No

## 15. REGULATORY INFORMATION

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### **Regulatory information**

Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### **Poisons Schedule**

Not Scheduled

### **National and or International Regulatory Information**

New Zealand:

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Group Standard: Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006

### **HSNO Approval Number**

HSR002679

### **Hazard Category**

Irritant

### **Australia (AICS)**

The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

## **16. OTHER INFORMATION**

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### **Date of preparation or last revision of MSDS**

SDS Created: June 2018

### **Contact Person/Point**

For advice in an emergency contact:

Australia: 1800 033 111 (or IDD +61 3 9663 2130).

New Zealand: 0800 734 607 (or IDD +64 4 473 4607)

### **References**

AUSTRALIA:

- Standard for the Uniform Scheduling of Medicines and Poisons.

- Approved criteria for classifying hazardous substances [NOHSC:1008(2004)].

- National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)].

- Australian Code for the Transport of Dangerous Goods by Road & Rail.

- Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

- Workplace exposure standards for airborne contaminants, Safe work Australia.

- American Conference of Industrial Hygienists (ACGIH)

NEW ZEALAND:

- Workplace Exposure Standards and Biological Exposure Indices

- Transport of Dangerous goods on land NZS 5433.

- Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).

- Assigning a hazardous substance to a group standard.



## END OF SDS

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