

## SAFETY DATA SHEET

# Selleys Neutral Silicone Sealant

Admil Adhesives Pty Ltd

SDS number: **P2019110701**

Version No: 1.0

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Authored according to GB/T16483(2008) and GB/T17519(2013)

GHS.HKG.EN

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### Product Identifier

Product name	Selleys Neutral Silicone Sealant
Other means of identification	Not Available

#### Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Neutral Silicone Selanat a waterproofing multipurpose sealant, and ideal for interior or exterior sealing applications around the home.
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#### Details of the supplier of the safety data sheet

Supplier name	Nippon Paint (H.K.) Co., Ltd.
Address	Suites 3203-4, 32/F., Tower 2, Nina Tower, No. 8 Yeung Uk Rd., Tsuen Wan, N.T. Hong Kong.
Telephone	+ 852 2699 9333
Email	selleys@nipponpaint.com.hk

#### Emergency telephone number

Association / Organisation	Nippon Paint (H.K.) Co., Ltd.
Emergency telephone numbers	+852 2699 9333 (9:00-1800 Monday-Friday)

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

##### SUMMARY OF HAZARD IN AN EMERGENCY SITUATION

Liquid.  
May cause SENSITISATION by skin contact.

Classification	Specific target organ toxicity - repeated exposure Category 2, Skin Sensitizer Category 1B
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#### Label elements

Hazard pictogram(s)	
SIGNAL WORD	<b>WARNING</b>

#### Hazard statement(s)

H373	May cause damage to organs(Blood) through prolonged or repeated exposure(Oral).
H317	May cause an allergic skin reaction.

#### Supplementary statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

P260	Do not breathe mist/vapours/spray.
P280	Wear protective gloves.
P272	Contaminated work clothing should not be allowed out of the workplace.

#### Precautionary statement(s) Response

P321	Specific treatment (see advice on this label).
P302+P352	IF ON SKIN: Wash with plenty of water.

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<b>P314</b>	Get medical advice/attention if you feel unwell.
<b>P333+P313</b>	If skin irritation or rash occurs: Get medical advice/attention.
<b>P363</b>	Wash contaminated clothing before reuse.

### Precautionary statement(s) Storage

Not Applicable

### Precautionary statement(s) Disposal

<b>P501</b>	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
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### Physical and Chemical Hazard

Liquid.

### Health Hazards

<b>Inhaled</b>	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
<b>Ingestion</b>	The material has <b>NOT</b> been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.
<b>Skin Contact</b>	May cause an allergic skin reaction. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
<b>Eye</b>	Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
<b>Chronic</b>	May cause damage to organs(Blood) through prolonged or repeated exposure(Oral). Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population.

### Environmental Hazards

See Section 12

### Other hazards

No additional information available

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### Substances

See section below for composition of Mixtures

### Mixtures

CAS No	%[weight]	Name
22984-54-9	1-3	<u>methyltri(methylethylketoxime)silane</u>
96-29-7	<1	<u>methyl ethyl ketoxime</u>
1760-24-3	<1	<u>N-[3-(trimethoxysilyl)propyl]ethylenediamine</u>
2224-33-1	<1	<u>vinyltris(methylethylketoxime)silane</u>
556-67-2	<0.2	<u>octamethylcyclotetrasiloxane</u>

## SECTION 4 FIRST AID MEASURES

### Description of first aid measures

<b>Eye Contact</b>	If this product comes in contact with eyes: <ul style="list-style-type: none"> <li>▶ Wash out immediately with water.</li> <li>▶ If irritation continues, seek medical attention.</li> <li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
<b>Skin Contact</b>	If skin contact occurs: <ul style="list-style-type: none"> <li>▶ Immediately remove all contaminated clothing, including footwear.</li> <li>▶ Flush skin and hair with running water (and soap if available).</li> <li>▶ Seek medical attention in event of irritation.</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>▶ Other measures are usually unnecessary.</li> </ul>

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### Ingestion

- ▶ Immediately give a glass of water.
- ▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### Advise for rescue team (PPE requirement for rescue personnel)

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

### Extinguishing media

- ▶ Foam.
- ▶ Dry chemical powder.

### Special hazards arising from the substrate or mixture

#### Fire Incompatibility

None known.

### Advice for firefighters

#### Fire Fighting

- ▶ Alert Fire Brigade and tell them location and nature of hazard.
- ▶ Wear breathing apparatus plus protective gloves.

#### Fire/Explosion Hazard

Combustible. Will burn if ignited.  
Combustion products include:  
carbon monoxide(CO)  
carbon dioxide (CO2)  
other pyrolysis products typical of burning organic material.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

See section 8

### Measures for Preventing Secondary Contamination

Refer to section above

### Environmental precautions

See section 12

### Methods and material for containment and cleaning up

#### Minor Spills

- ▶ Clean up all spills immediately.
- ▶ Avoid contact with skin and eyes.

#### Major Spills

- ▶ Clear area of personnel.
- ▶ Clean up all spills immediately.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

#### Safe handling

- ▶ Limit all unnecessary personal contact.
- ▶ Wear protective clothing when risk of exposure occurs.

#### Other information

- ▶ Store in original containers.
- ▶ Keep containers securely sealed.

### Conditions for safe storage, including any incompatibilities

#### Suitable container

- ▶ PE container.
- ▶ Check all containers are clearly labelled and free from leaks.

#### Storage incompatibility

Avoid heat, sparks, open flames and other ignition sources. Avoid exposure to moisture.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

|| OCCUPATIONAL EXPOSURE LIMITS (OEL)


|| INGREDIENT DATA

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## Selleys Neutral Silicone Sealant

Not Available

### Exposure controls

<b>Appropriate engineering controls</b>	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
<b>Personal protection</b>	
<b>Eye and face protection</b>	<ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> <li>▶ Chemical goggles.</li> </ul>
<b>Skin protection</b>	See Hand protection below
<b>Hands/feet protection</b>	<ul style="list-style-type: none"> <li>▶ Wear chemical protective gloves, e.g. PVC.</li> <li>▶ Wear safety footwear or safety gumboots, e.g. Rubber</li> </ul> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>▶ The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.</li> </ul>
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	<ul style="list-style-type: none"> <li>▶ Overalls.</li> <li>▶ P.V.C.</li> </ul>

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	White, Black, Grey, Clear paste		
<b>Physical state</b>	Paste	<b>Relative density (Water = 1)</b>	Not Available
<b>Odour</b>	OXIME ODOUR	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	Not Available	<b>Decomposition temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Molecular weight (g/mol)</b>	Not Available
<b>Flash point (°C)</b>	96	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	< 1 (Butyl acetate = 1)	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not Flammable	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower Explosive Limit (%)</b>	Not Available	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Not Available	<b>Gas group</b>	Not Available
<b>Solubility in water</b>	Not Available	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	> 1	<b>VOC g/L</b>	Not Available

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	The product is non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable under recommended conditions of storage.
<b>Possibility of hazardous reactions</b>	None known hazardous reactions.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid exposure to moisture.
<b>Incompatible materials</b>	Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide)
<b>Hazardous decomposition products</b>	May evolve nitrogen oxides and formaldehyde when heated to decomposition.

## SECTION 11 TOXICOLOGICAL INFORMATION

	methyltri(methylethylketoxime)silane <div style="border: 1px solid black; padding: 2px; display: inline-block;">dermal (rat) LD50: &gt;2000 mg/kg<sup>[1]</sup></div>
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## Selleys Neutral Silicone Sealant

<b>Acute Toxicity</b>	Oral (rat) LD50: ~2260 mg/kg <sup>[1]</sup>
	N-[3-(trimethoxysilyl)propyl]ethylenediamine
	dermal (rat) LD50: >2009 mg/kg <sup>[1]</sup>
	vinyltris(methylethylketoxime)silane
	dermal (rat) LD50: >2009 mg/kg <sup>[1]</sup>
	Oral (rat) LD50: >2000 mg/kg <sup>[1]</sup>
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	May cause damage to organs(Blood) through prolonged or repeated exposure(Oral).
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Legend:</b>	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

<b>Selleys Neutral Silicone Sealant</b>	Based on available data, the classification criteria are not met.
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**DO NOT** discharge into sewer or waterways.

### Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
methyltri(methylethylketoxime)silane	HIGH	HIGH
methyl ethyl ketoxime	LOW	LOW
N-[3-(trimethoxysilyl)propyl]ethylenediamine	HIGH	HIGH
octamethylcyclotetrasiloxane	HIGH	HIGH

### Bioaccumulative potential

Ingredient	Bioaccumulation
methyltri(methylethylketoxime)silane	LOW (LogKOW = 7.8316)
methyl ethyl ketoxime	LOW (BCF = 5.8)
N-[3-(trimethoxysilyl)propyl]ethylenediamine	LOW (LogKOW = -1.6744)
octamethylcyclotetrasiloxane	HIGH (BCF = 12400)

### Mobility in soil

Ingredient	Mobility
methyltri(methylethylketoxime)silane	LOW (KOC = 590900)
methyl ethyl ketoxime	LOW (KOC = 130.8)
N-[3-(trimethoxysilyl)propyl]ethylenediamine	LOW (KOC = 6856)
octamethylcyclotetrasiloxane	LOW (KOC = 17960)

### Other adverse effects

No data available

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Waste chemicals:</b>	<ul style="list-style-type: none"> <li>▶ Containers may still present a chemical hazard/ danger when empty.</li> <li>▶ Return to supplier for reuse/ recycling if possible.</li> </ul>
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	<ul style="list-style-type: none"> <li>▶ Recycle wherever possible or consult manufacturer for recycling options.</li> <li>▶ Consult State Land Waste Management Authority for disposal.</li> </ul>
<b>Contaminated packing materials:</b>	Refer to section above
<b>Precautions for Transport:</b>	Refer to section above

### SECTION 14 TRANSPORT INFORMATION

<b>Marine Pollutant</b>	NO
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**Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Transport in bulk according to Annex II of MARPOL and the IBC code**

Not Applicable

**Precautions for Transport**

**Suitable Containers**

See section 7

### SECTION 15 REGULATORY INFORMATION

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

**METHYLTRI(METHYLETHYLKETOXIME)SILANE IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Not Applicable

**METHYL ETHYL KETOXIME IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Not Applicable

**N-[3-(TRIMETHOXSILYL)PROPYL]ETHYLENEDIAMINE IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Not Applicable

**VINYLTRIS(METHYLETHYLKETOXIME)SILANE IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Not Applicable

**OCTAMETHYLCYCLOTETRASILOXANE IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Not Applicable

**National Inventory Status**

National Inventory	Status
Australia - AICS	Yes
Canada - DSL	Yes
Canada - NDSL	No (methyl ethyl ketoxime; octamethylcyclotetrasiloxane; N-[3-(trimethoxysilyl)propyl]ethylenediamine; methyltri(methylethylketoxime)silane; vinyltris(methylethylketoxime)silane)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	No (N-[3-(trimethoxysilyl)propyl]ethylenediamine; methyltri(methylethylketoxime)silane; vinyltris(methylethylketoxime)silane)
Vietnam - NCI	Yes
Russia - ARIPS	Yes
<b>Legend:</b>	<p>Yes = All CAS declared ingredients are on the inventory</p> <p>No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)</p>

### SECTION 16 OTHER INFORMATION

**Other information**

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

**Definitions and abbreviations**

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**Selleys Neutral Silicone Sealant**

PC—TWA: Permissible Concentration-Time Weighted Average  
PC—STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit.  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index

**Disclaimer**

The information in the SDS applies only for the specified product and does not include mixtures of this product with other substances and mixtures. The SDS provides product safety information for personnel trained to use this product only.