SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product name: Stick it Sealants All Purpose Silicone

Manufacturer or Importer details

Company name of supplier: Stick It Sealants Pty Ltd
Address : PO Box 709, Buddina QLD 4575
Telephone: 07 5493 1239 / 0410 618 085

Recommended use of the chemical and restrictions on use

Recommended use: Construction materials and additives

SECTION 2. HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Risk Phrases: Irritating to eyes and skin. May cause sensitisation by skin contact.
Safety Phrases: Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. Use only in well ventilated areas.
Poisons Schedule: None allocated.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture
Chemical nature: Silicone elastomer

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
Calcium carbonate	471-34-1	>= 50 - < 70
Carbon	1333-86-4	>= 1 - < 5
Quartz	14808-60-7	>= 0.1 - < 1
Dimethyl tin di-neodecyl ester	68928-76-7	<1%

SECTION 4. FIRST AID MEASURES

If inhaled: Remove to fresh air. Seek medical attention if breathing problems develop.

In case of skin contact: Immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms persist.

In case of eye contact: Flush eyes with water as a precaution. Seek medical attention if irritation develops and persists.

If swallowed: DO NOT induce vomiting. Rinse mouth with water, give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

Most important symptoms:	None known. and effects, both acute and delayed.
Protection of first aiders:	No special precautions are necessary for first aid responders.
Notes to physician:	Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media:	None known.
Specific hazards during firefighting:	Exposure to combustion products may be a hazard to health.
Hazardous combustion products:	Carbon oxides Metal oxides Silicon oxides Formaldehyde
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special protective equipment for fire-fighters:
Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear approved respiratory protection, chemical resistant gloves, safety glasses, protective clothing, and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental precautions:
Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean-up of releases. You will need to determine which regulations are applicable.
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation: Use only with adequate ventilation.

Advice on safe handling: Avoid prolonged or repeated contact with skin.
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area. Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage: Store in a cool, dry and well-ventilated area. Keep in original container tightly closed when not in use. Keep away from extreme heat, sparks, open flames and other sources of ignition. Store at room temperature. Max. storage time is 1 year(s).

Materials to avoid: Do not store with the following product types:
Strong oxidizing agents

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Calcium carbonate	471-34-1	TWA (Respirable)	5 mg/m³ (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m³ (Calcium carbonate)	NIOSH REL
Carbon white	1333-86-4	TWA	3.5 mg/m³	NIOSH REL
		TWA	3.5 mg/m³	OSHA Z-1
		TWA (Inhalable fraction)	3 mg/m³	ACGIH
Quartz	14808-60-7	TWA (total dust)	30 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO2+5	OSHA Z-3
		TWA (Respirable fraction)	0.025 mg/m³ (Silica)	ACGIH
		TWA (Respirable dust)	0.05 mg/m³ (Silica)	NIOSH REL

These substance(s) are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard: Calcium carbonate
Quartz

Engineering measures: Processing may form hazardous compounds (see section 10).
Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Personal protective equipment

Respiratory protection:	Respiratory protection is not required under normal use conditions. Use an approved respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour
Eye protection:	Wear the following personal protective equipment - Safety glasses. Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information
Skin and body protection:	PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.
Hygiene measures:	Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste
Colour	Variable
Odour	Characteristic
Odour Threshold	No data available
pH	Not applicable
Melting point/freezing point	No data available
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not classified as a flammability hazard
Self-ignition	The substance or mixture is not classified as pyrophoric or self-heating.
Autoignition temperature	No data available
Decomposition temperature	No data available
Explosive properties	Not explosive
Upper explosion limits	No data available
Lower explosion limits	No data available
Vapor pressure	Not applicable
Relative vapor density	No data available
Relative density	1.51

Solubility(ies) Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity, dynamic	Not applicable
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Molecular weight	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Not classified as a reactivity hazard.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Methyl alcohol is formed upon contact with water or humid air. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid:	Extreme heat, sparks, open flames and other sources of ignition.
Incompatible materials:	Oxidizing agents

Hazardous decomposition products

Thermal decomposition: Formaldehyde

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact :	No adverse health effects expected.
Ingestion:	No adverse health effects expected.
Eye contact:	No adverse health effects expected.

Acute toxicity Not classified based on available information.

Ingredients:

Calcium carbonate:
Acute oral toxicity
LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 420
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity
LC50 (Rat): > 3 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist Method: OECD Test Guideline 403
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity
LD50 (Rabbit): > 2,000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

Skin Corrosion / Irritation:
Based on classification principles, the classification criteria are not met.
Serious Eye Damage / Irritation:
Based on classification principles, the classification criteria are not met.
Respiratory or Skin Sensitisation:
Based on classification principles, the classification criteria are not met.
Germ Cell Mutagenicity:
Based on classification principles, the classification criteria are not met.
Carcinogenicity:
2-Butanone Oxime is classified by Safe Work Australia as Carcinogen Category 3. This product does NOT contain any IARC listed chemicals.
Reproductive Toxicity: Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Single Exposure:
Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.
Aspiration Hazard: Based on classification principles, the classification criteria are not met.
Chronic Health Effects: Repeated or prolonged skin exposure may cause skin rash or inflammation.
Existing Conditions Aggravated by Exposure: No information available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
Avoid contaminating waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Resource Conservation and Recovery Act (RCRA):

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product

SECTION 14. TRANSPORT INFORMATION

International Regulations
UNRTDG: Not regulated as a dangerous good
IATA-DGR: Not regulated as a dangerous good
IMDG-Code: Not regulated as a dangerous good
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable for product as supplied.

Domestic regulation

49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know
CERCLA Reportable Quantity

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Methanol	67-56-1	5000	*
Ethylenediamine	107-15-3	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

Ingredients	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ethylenediamine	107-15-3	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity
This material does not contain any components with a section 302 EHS TPQ.
SARA 311/312 Hazards
No SARA Hazards
SARA 313
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SECTION 16. OTHER INFORMATION

Prepared by: Stick it Sealants Pty Ltd
Date of Preparation or Last Revision: 10.11.2020

Abbreviations and acronyms:
GHS: Globally Harmonised System of Classification and Labelling of Chemicals CAS: Chemical Abstracts Service (division of the American Chemical Society) LC_{50}: Lethal concentration, 50 percent
LD_{50}: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants)

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