

1. IDENTIFICATION

Product Name: QUICKSIL Thickener
Other Names:
Product Use Description: Silicone for the manufacturing of duplicating models
Contact Information:

Organisation	Location	Telephone	Ask For
Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown South Australia 5039	08 8294 0451	SDS Officer
Poisons Information Centre		13 11 26	

2. HAZARD IDENTIFICATION

Classification of Substance of Mixture: Not a dangerous substance according to GHS.

Label Elements: Labelling according to Regulation (EC) no 1272/2008 (CLP)

Hazard Pictogram(s): No available

Signal Word: No available

Hazard Statements (s): No available

Precautionary Statements(s): No available

Other hazards: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Composition	CAS No	EC No	Weight (%)
Poly(Vinylmethoxysiloxane)	68037-87-6	---	50~70
Silica	14464-46-1	238-878-4	20~30
Poly(Dimethylsiloxane)	9006-65-9	---	0~30
Poly(Methylhydrosiloxane)	63148-57-2	217-496-1	5~20

4. FIRST AID MEASURES

General information: Normal use does not require special measures, industrial production in the long term, refer to the following:

Eye Contact: Rinse immediately with plenty of water.
 Seek medical advice in case of continues irritation.
 Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact: Wipe off excess material with cloth or paper. Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice.

After Inhalation:	Material cannot be inhaled under normal conditions.
After Swallowing:	Give several small positions of water to drink. Do not induce vomiting.
Most important symptoms and effects both acute and delayed:	Any relevant information can be found in other parts of this section.
Indication of any immediate medical attention and special treatment needed:	Further toxicology information in section 11 must be observed.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Use water spray, dry chemical, carbon dioxide.

Extinguishing media which must not be used for safety reasons: Water Jet.

Special hazards arising from the substrate mixture: Silicon oxide and carbon dioxide.

Advice for Fire Fighters: Use respiratory protection independent of recirculated air. Keep unprotected persons away.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Environmental Precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

Reference to other sections: Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8), for information and safe handling (section 7) and on disposal (section 13).

7. HANDLING AND STORAGE

Precautions for safe handling: Keep container tightly closed in a dry and well-ventilated place. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Precautions against fire and explosion: The product is non-flammable.

Conditions for storage rooms and vessels: Keep container tightly closed in a dry and well-ventilated place.

Information about storage in one common storage facility: Hygroscopic light sensitive

Further information for storage: No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Ingredients with limit values that require monitoring at the workplace:

No further relevant information available.

Exposure controls:

The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work.

Respiratory protection:

Use suitable respirator when high concentrations are present.

Eye protection:

Recommendation: protective goggles.

Hand protection:

Recommendation: Protective gloves made of butyl rubber. Gloves suitable for up to 60 minutes' use. The selection of appropriate gloves not only depends on the material, but also on other quality characteristics, and may vary depending on the manufacturer. Please observe information from your glove supplier in terms of permeability and breakthrough time.

Exposure to the environment limited and controlled:

Prevent material from entering surface waters and soil.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste/Liquid
Colour:	Green/Blue
Aroma/Odour:	Not Available
Melting point/melting range:	Not Available
Boiling point/boiling range:	Not Available
Freezing point:	Not Available
Flash point:	> 100.0°C (closed up) (-)
Ignition temperature:	Not Available
Flammability:	Non-Flammable
Decomposition temperature:	Not Available
Self-igniting:	Not Available
Density:	1,12g/cm ³ ISO 2811
Danger of explosion:	Not Available
Explosion limits:	Not Available
Oxidizing properties:	Not Available
Vapour pressure:	Not Available
Vapour density:	Not Available
Evaporation rate:	Not Available
Solubility in/Miscibility with water:	Hardly soluble in water
n-octanol/water partition coefficient:	Not Available
Viscosity dynamic:	4500mPas Brookfield
pH-Value:	N/A
Other information:	No data available.

10. STABILITY AND REACTIVITY

Reactivity; Chemical stability; If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

Conditions to Avoid:

Flames, sparks, and other sources of ignition, incompatible materials.

Incompatibles:

Strong oxidizing agents.

Hazardous Decomposition

Silicone oxide and carbon dioxide.

Products: N/A

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
LD/LC50 Values relevant for classification: No further relevant information available.

Primary irritant effect: No further relevant information available.
Sensitization: No further relevant information available.

Additional toxicological information:
Toxicological, metabolism and distribution: No further relevant information available.

Acute effects (acute toxicity, irritation and corrosivity): No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): No further relevant information available.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Ecological effects: Do not allow material to be released to the environment without proper governmental permits.

Other Adverse Effects: No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Material: Recommendation: Consult state, local or national regulations to ensure proper disposal.

Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN Number: IATA, IMDG: None

UN Proper Shipping Name: IATA, IMDG: None

Transport Hazard Class(es): IATA, IMDG: None

Packing Group: IATA, IMDG: None

Environmental Hazards: No

Special Precautions for user: Not Applicable.

15. REGULATORY INFORMATION

This material safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006
Safety, Health and Environmental Regulations Specific for the substance or mixture

Chemical Composition	CAS No.	EC#	TSCA	EINECS
Poly(Vinylmethoxysiloxane)	68037-87-6	---	Listed	Not Listed
Silica	14464-46-1	238-878-4	Listed	Listed
Poly(Dimethylsiloxane)	9006-65-9	---	Listed	Not Listed
Poly(Methylhydrosiloxane)	63148-57-2	217-496-1	Listed	Listed

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Additional information:

Abbreviations and acronyms

CLP:	EU regulation (EC) no 1272/2008 on classification, labelling and packaging of chemical substances and mixtures.
CAS:	Chemical Abstracts Service (Division of the American Chemical Society).
ACGIH:	American Conferences of Governmental Industrial Hygienists.
TLV:	Threshold Limit Value.
IATA:	International Air Transport Association.
IMDG:	International Maritime Dangerous Goods.
LC50:	Lethal concentration, 50 percent kill.
LD50:	Lethal dose, 50 percent kill.
TWA:	Time Weighted Average.
TSCA:	United States of Toxic Substances Control Act Section 8(b) Inventory.
EINECS:	European Inventory of Existing Commercial Chemical Substances.

Further Information

The information in this safety data sheet is to the best of our knowledge true and accurate, but all data, instructions, and recommendations and/or suggestions are made without guarantee.

The Material Safety Data Sheet is intended to provide information for a health and safety assessment of the material. This document is not intended for quality assurance purposes.