

# Material Safety Data Sheet



## SILCOSEAL SELECT

### PRODUCT:

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### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SILCOSEAL SELECT  
Manufacturer's Product Code: SSSEL  
Other Names: None  
Recommended Uses: Water Based Concrete Tilt-Up Bondbreaker Emulsion

Reid Constructions Systems (Aust) Pty Limited ACN 004 297 009  
A Division of ITW Construction Products  
Maroondah Highway,  
Mooroolbark. Victoria. Australia. 3138  
Telephone: 1300 780 250  
Emergency Telephone Number: 1300 780 250 (Monday to Friday. 8 am to 5 pm EST)

### SECTION 2: HAZARDS IDENTIFICATION

- Classified as Hazardous according to criteria of NOHSC -

#### Risk Phrases:

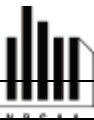
R20/21      Harmful by inhalation and in contact with skin.  
R65      Harmful: May cause lung damage if swallowed

#### Safety Phrases:

S45      In case of accident or if you feel unwell, seek medical advice  
immediately (show the label whenever possible).  
S53      Avoid exposure – obtain special instructions before use.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Chemical Identity	CAS Number	Proportion %
Solvent naphtha (petroleum), light aromatic	64742-95-6	< 10



### SECTION 4: FIRST AID MEASURES



CONCRETE  
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AUSTRALIA

REINFORCING · PRE-CAST · TILT-UP

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### ACUTE

**Ingestion:** If swallowed DO NOT induce vomiting. Seek medical attention immediately.

**Eye:** In case of contact hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash or blistering) persists.

**Skin:** Remove contaminated clothing and shoes. Wash affected areas thoroughly with soap and water. Wash clothing before reuse. Contact doctor if irritation persists.

**Inhalation:** May be irritating to the respiratory tract. If irritation, headache, nausea or drowsiness occurs remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

## SECTION 5: FIRE FIGHTING MEASURES

### Product is combustible

#### Suitable Extinguishing Media:

Use CO<sub>2</sub> (Carbon Dioxide), dry chemical or foam

#### Hazardous products of combustion:

Combustion may produce carbon monoxide, carbon dioxide and various hydrocarbon derivatives.

#### Special protective precautions and equipment for fire-fighters:

Fire-fighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material. Avoid spreading burning liquid with water used for cooling purposes.

**Hazchem code:** No Data Available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Emergency procedures:

Cleanup personnel should wear suitable protective equipment. Eliminate any ignition source. Do not allow product to enter drains, sewers or water courses.

#### Methods and materials for containment and clean up

Dike or impound spilled material. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect into vaportight containers and dispose of properly.

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### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

Keep container closed when not in use. Use only with adequate ventilation.

#### Conditions for safe storage, including any incompatibilities

Store product in a cool dry environment away from sources of ignition.

#### Prevent exposure to freezing temperatures

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### National exposure standards

Solvent naphtha (petroleum),  
light aromatic 100 ppm

#### Biological limit values

No Data Available

#### Engineering controls

Use with adequate ventilation to keep product vapour concentrations below specified TLV.

#### Personal protective equipment

**Eye/Face Protection:** Chemical goggles and or face shields are required to prevent potential eye contact, irritation or injury.

**Skin Protection:** wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

**Respiratory Protection:** General room ventilation is normally adequate. Avoid breathing the product mist. The use of a NIOSH approved respirator is recommended whenever the airborne concentrations exceed the TLV.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White emulsion

**Odour:** Mild solvent odour

**PH:** No Data Available

**Vapour Pressure:** No Data Available

**Boiling Point / Range:** 100 deg C

**Freezing / Melting Point:** No Data Available

**Solubility in Water:** Soluble

**Specific Gravity:** .969 (Water = 1.0)

**Flashpoint and Method:** > 70 C (COC)

**Flammability Limit:** No Data Available

**Explosive Limit:** No Data Available

**Ignition Temperature:** No Data Available

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### Other Properties:

**Specific Heat Value:** No Data Available

**Particle Size:** No Data Available

**Volatile Organic Compound Content (VOC):** REGULATORY < 600 grams per litre

**Volatile Organic Compound Content (VOC):** ACTUAL < 120 grams per litre

**Evaporation Rate:** No Data Available

**Viscosity:** No Data Available

**Percent Volatile:** No Data Available

**Octanol / Water Partition Coefficient:** No Data Available

**Vapour Density:** No Data Available

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable

**Conditions to avoid:** No Data Available

**Incompatible materials:** Strong acids or bases and selected amines

**Hazardous decomposition products:** Combustion may produce carbon monoxide, carbon dioxide and various hydrocarbon derivatives.

**Hazardous reactions:** No Data Available

## SECTION 11: TOXICOLOGICAL INFORMATION

### Health effects – Acute

#### Ingestion

Aspiration hazard if swallowed. Can enter lungs and cause damage.

#### Eye

May cause eye irritation.

#### Skin

May cause skin irritation.

#### Inhalation

May be harmful if inhaled.

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### SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available  
Persistence and biodegradability: No Data Available  
Mobility: No Data Available  
Additional information: No Data Available  
Environmental fate (exposure): No Data Available  
Bioaccumulative potential: No Data Available

### SECTION 13: DISPOSAL CONSIDERATIONS

**Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.**

Special precautions for landfill or incineration: No Data Available

### SECTION 14: TRANSPORT INFORMATION

UN Number: Not Applicable  
UN Proper Shipping Name: Not Applicable  
Class and subsidiary risk: Not Applicable  
Packaging Group: Not Applicable  
Special Precautions for User: No Data Available  
Hazchem Code: No Data Available

### SECTION 15: REGULATORY INFORMATION

Poisons Schedule: No Data Available  
NICNAS Status: No Data Available

### SECTION 16: OTHER INFORMATION

#### Carcinogenicity

**No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).**

#### Reference Documentation

**The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is**

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