SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**POURITE SLC**
Product Use:	Exterior plasterwork. Pourite SLC is a one component polymer rich cementitious material which is mixed with clean potable water on site and used to create low shrinkage, strong-flowing, self-smoothing plaster.
Restriction of Use:	Refer to Section 15
New Zealand Supplier:	**Specialized Construction Products Ltd**
Address:	79 Porana Road Glenfield Auckland
Telephone:	+64 9 414 4499
Fax Number:	+64 9 414 4489
Emergency Telephone:	**0800 764 766 (National Poison Centre)**
Date of SDS Preparation:	15 November 2017

Section 2. Hazards Identification

This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval No: Construction Products (subsidiary) – HSR002544

Pictograms

Irritant Corrosive

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1E(Resp)	H335	May cause respiratory irritation.	Category 3
6.3A	H315	Causes skin irritation.	Category 2
6.5B	H317	May cause an allergic skin reaction.	Category 1
8.3A	H318	Causes serious eye damage.	Category 1
9.1C	H412	Harmful to aquatic life with long lasting effects.	Category 3

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing dusts.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Cement	<20%	65997-15-1
High Alumina Cement	<10%	65997-16-2
Other Non-hazardous ingredients	To bal	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes — Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

If on Skin — Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: get medical advice/attention.

If Swallowed — Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.

If Inhaled — Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms:

Inhalation: Can irritate the upper respiratory system.

Ingestion: Product hardens when wetted and may cause obstruction or swelling and burning of the respiratory and digestive systems.

Eye Contact: Direct contact, either as a powder or wet paste, may cause irritation or burning due to alkaline nature.

Skin Contact: Can dry skin and cause burns.

Chronic:

Dusts can cause inflammation to the lungs, nose, and cornea. Sensitive persons may develop allergic dermatitis. When wet the plaster is alkaline and may cause burns. Product contains Silica which IARC lists as a lung cancer hazard.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	None known.
Suitable Extinguishing media	Dry chemicals, foam, or water may be used to extinguish a fire in an area where product is located.
Precautions for firefighters and special protective clothing	No special fire-fighting procedures are required.
HAZCHEM CODE	**1Z**

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel. Use dry clean up procedures that do not disperse dust into the air. Avoid breathing dust. Wet product may be cleaned up with water. Dispose according to Local Regulations.

Section 7. Handling and Storage

Precautions for Handling:

- Keep out of reach of children.
- Read label before use.
- Avoid breathing dusts.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Store below 40 Centigrade in a dry area, preferably off the floor, on timber dunnage or a timber pallet.
- Rotate stock to ensure the oldest is used first. Stock older than six months should be discarded.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

	TWA	**STEL**

Substance	ppm	mg/m³	ppm	mg/m³
Vinyl acetate 6.7B [108-05-4]	10	35	20	70
Cement (Portland cement) [65997-15-1]		10		
Silicon Dioxide		0.1 mg/m3 respirable dust.		

Workplace Exposure Standard – Time Weighted Average (WES-TWA)*.The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid breathing dust.

Personal Protection Equipment

Eyes	When mixing or using product safety goggles complying with NZS 1716:1994 are recommended.
Hands and skin	Impervious, abrasion resistant gloves, boots, and protective clothing are required to protect the skin from prolonged contact with product. The use of barrier creams for exposed skin should be considered. After working, wash skin well with soap and water. Ensure there is no build-up of product in protective clothing.
Respiratory	The use of appropriate dust masks, complying with NZS 1716:1994, are recommended when mixing this product.

Section 9 Physical and Chemical Properties

Appearance	Powder
Colour	Off White
Odour	Sweet Odour
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Non Flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	Not available
Water Solubility	0.1 – 1.0g/100cm^3.
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Corrosiveness	Alkaline when mixed with water.
Bulk Density	1900kg/m^3.

Section 10. Stability and Reactivity

Stability of Substance	Product is stable.

Possibility of hazardous reactions	Keep dry until used. Forms a fine paste when mixed with water which will harden.
Conditions to Avoid	Keep dry until used.
Incompatible Materials	Strong Acids, bases, oxidising agents.
Hazardous Decomposition Products	None known.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	May cause respiratory irritation.
Eye	Causes serious eye damage.
Skin	Causes skin irritation. May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Dusts can cause inflammation to the lungs, nose, and cornea. Sensitive persons may develop allergic dermatitis. When wet the plaster is alkaline and may cause burns. Product contains Silica which IARC lists as a lung cancer hazard.

Section 12. Ecotoxicological Information

HSNO Classes: 9.1C = Harmful to aquatic life with long lasting effects.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method: Triple Rinse and dispose according to Local Regulations.

Precautions or methods to avoid: Avoid release to the environment.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

EPA Approval Code: Construction Products (subsidiary) – HSR002544

HSNO Classification: 6.1E(Resp), 6.3A, 6.5B, 8.3A, 9.1C

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000kg (9.1C)
Emergency Response Plan	1000kg (9.1C)
Secondary Containment	1000kg (9.1C)
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, if further information is required.

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