

Chemical name : PERESEAL 802
Date of issue / revision : 16 September 2026
Previous issue : Pereseal 802 MSDS 2020

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Section 1. Product and Company Identification

Product name	PERESEAL® 802 Glass and Metal Silicone Sealant
Chemical name	Acetoxy silicone sealant
Physical form	Paste
Odour	Vinegar odour
CAS No.	Mixture
Supplied by	PFE Technologies Pte Ltd
Address	9 Gul Street 4, Singapore 629238
Contact / email	+65 6558 6388 sales@pfetech.com
Emergency telephone	+65 6558 6388
Website	www.pfetech.com

Section 2. Hazards Identification



Signal word: Warning

Classification

Skin corrosion or irritation — Category 2
Serious eye damage or eye irritation — Category 2

Hazard statements

- H315 — Causes skin irritation.
- H319 — Causes serious eye irritation.

Precautionary statements — prevention

- P264 — Wash thoroughly after handling.
- P280 — Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements — response

- P302 + P352 — IF ON SKIN: Wash with plenty of soap and water.
- P332 + P313 — If skin irritation occurs: Get medical advice/attention.
- P305 + P351 + P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 — If eye irritation persists: Get medical advice/attention.

Storage and disposal: No product-specific precautionary statements were provided in the supplier source SDS.

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Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Titanium dioxide	13463-67-7	<5%
Methyltriacetoxysilane	4253-34-3	<5%
Treated fume silica	68611-44-9	5–25%
Silicone polymer	70131-67-8	50–70%
Polydimethylsiloxane	63148-62-9	5–10%

Section 4. First-aid Measures

General	Remove all contaminated clothing immediately.
Ingestion	Seek medical advice immediately.
Skin contact	Wipe with paper towel, then clean immediately with water and soap.
Eye contact	Flush immediately with water; seek medical advice if necessary.

Section 5. Fire-fighting Measures

Suitable extinguishing media	All standard fire-fighting media.
Unsuitable extinguishing media	Unknown.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, silicon dioxide, acetic acid and formaldehyde.

Section 6. Accidental Release Measures

Methods for cleaning up	Take up mechanically.
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Section 7. Handling and Storage

Handling	Avoid contact with eyes and skin. Ensure good ventilation during processing. Wear safety shoes.
Protection against fire / explosion	Observe general fire-prevention rules.
Storage	Keep the container tightly closed and dry.
Caution	A 200 L drum is extremely heavy; use suitable handling equipment.

SDS

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Section 8. Exposure Controls / Personal Protection

Ingredients with exposure limits	Not indicated in the supplier source SDS.
Local exhaust	Recommended
General ventilation	Recommended
Hand protection	Suitable protective gloves
Eye protection	Safety/protective glasses
Flammability	Combustible

Section 9. Physical and Chemical Properties

Form	Paste
Specific gravity	1.01 ± 0.02
Colour	Clear and pigmented
Viscosity	Not indicated
Odour	Acetic vinegar
Volatile content at 25°C	<10% by volume
Solubility in water	Insoluble
Boiling point	Not applicable
Flash point	>100°C / >212°F (closed cup)
Ignition temperature	Not applicable

The above information is not intended for use in preparing a product specification.

Section 10. Stability and Reactivity

Chemical stability	Stable
Incompatible materials	Water
Conditions to avoid	High temperature
Dangerous reactions	None known
Hazardous decomposition products	Carbon dioxide, carbon monoxide, silicon dioxide, acetic acid and formaldehyde

Section 11. Toxicological Information

Acute toxicity	Not determined
Primary effect on skin	Irritant to skin and mucous membranes
Primary effect on eyes	Irritant effect
Sensitisation	Sensitisation possible by inhalation
Additional information	When used and handled according to specification, the product is not expected to have harmful effects based on the supplier's experience and information.

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Section 12. Ecological Information

Complete information is not yet available.

Section 13. Disposal Considerations

- Dispose of waste and contaminated packaging in accordance with applicable laws, rules and regulations.
- Use an authorised waste collection point.
- Do not discharge product-containing liquid, solid waste or wash water into waterways or bury it underground.

Section 14. Transport Information

Road transport (ADR)	Not regulated; no shipping name, hazard class, identification number or packing group assigned
Air transport (ICAO/IATA)	Not regulated; no shipping name, hazard class, identification number or packing group assigned
Water transport (IMO/IMDG)	Not regulated; no shipping name, hazard class, identification number or packing group assigned
Summary	Not dangerous goods under the transport regulations stated above

Section 15. Regulatory Information

Singapore: Safety data sheets for local use are to be prepared in accordance with SS 586 Part 3; applicable workplace labelling follows SS 586 Part 2.

The supplier source states that the product is not subject to EC labelling requirements.

Section 16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, express or implied, is made. Industrial hygiene and safe-handling recommendations are believed to be generally applicable; each user must assess them for the intended use.

PFE issue / revision	16 September 2026 / Revision 2
Document basis	Current formulation and hazard information available at the date of issue.
Preparation note	Prepared for the corresponding Pereseal product for use in Singapore. Read together with the product label.

*** End of SDS ***