Safety Data Sheet

SEALSUM

Revision 2

SEALSUM FLOORSET PRO

Issue Date: **26/11/2023**
Revision Date: **11/05/2026**

SEALSUM

SECTION 1 Chemical Product and Company Identification

Product Identification

Product name	SEALSUM FLOORSET PRO
Use of Product	Silyl-terminated polyurethane adhesive formulated as an adhesive & sealant for flooring materials (wood flooring, steel flooring) in construction

Company Identification

Registered company name	SEALSUM
Address	23 Enterprise Avenue, Tweed Heads South NSW 2486
Department	Technical Research Institute
Website	www.sealsum.com.au

Emergency telephone number

For Australia	1300 99 58 79 AUSTRALIAN POISONS INFORMATION CENTRE: 13 11 26 (24 HOUR SERVICE), 000 (POLICE OR FIRE BRIGADE)

SECTION 2 Hazards Identification

A. Hazards, Risks Classification of Substance

Skin Corrosion / Irritation	Category 2
Serious Eye Damage	Category 2A

B. Warning Signs Elements including Precaution Phrase

▶ **Pictograph:**



▶ **Signal word: Warning**

▶ **Hazard and risk statements:**

H315 Causes skin irritation

H319 Causes serious eye irritation

▶ **Precautionary statement(s) Prevention**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

▶ **Precautionary statement(s) Response**

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P308+P313 If exposed or concerned: 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.

P312 Call a POISON CENTER or doctor/physician if you feel unwell

P330 Rinse mouth.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse. Storage

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

► **Precautionary statement(s) Disposal**

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

C. Other hazards and risks not included in the criteria for classification of hazards and risks.

(NFPA Classification)

Health	1
Flammability	0
Reactivity	0

SECTION 3 Composition Name and Content

Chemical name	Name	CAS No.	Content (%)
Silyl-terminated Polyurethane	Polyurethane Prepolymer	216597-12-5	30-40
Limestone	Calcium Carbonate	1317-65-3	50-60
Aminopropyl Methoxy Silane	Aminopropyl Methoxy Silane	3069-29-2	0-10

SECTION 4 First Aid Measures

A. When it gets into your eyes:

- **Get emergency medical attention.**
- **If in contact with the substance, if possible, remove contact lenses and immediately flush the skin and eyes with running water for at least 20 minutes.**

B. When it comes into contact with your skin:

- **If you feel unwell, seek medical attention.**
- **Remove contaminated clothing, shoes and isolate.**
- **Immediately flush the skin with plenty of water for at least 20 minutes.**

C. When inhaled:

- **Get medical attention immediately.**
- **If breathing becomes difficult, remove victim to fresh air**
- **If necessary, use artificial respiration to support vital functions**
- **Seek medical attention if breathing difficulty continues**
- **If not breathing, give artificial respiration. Consult a physician.**

D. When eaten:

- **Rinse your mouth with water immediately. Do not induce vomiting**
- **Get medical attention immediately**
- **Regarding whether to induce vomiting, take the advice of a doctor.**
- **Never give anything by mouth to an unconscious person. Consult a physician.**

E. Other doctor's notes

- **Notify medical personnel of contaminated situations and have them take appropriate protective measures.**
- **If exposed or concerned, get medical attention/ advice.**

SECTION 5 Countermeasures against Explosion and Fire

A. Appropriate (Inappropriate) fire extinguishing agents:

- **Use alcohol foam or water spray for fires.**
- **Avoid use of water jet for extinguishing.**

B. Specific hazards arising from the chemical:

- **Not available**

C. Protective equipment to be worn and prevention measures in case of fire extinguishing:

- **Notify your local fire station and inform the location of the fire and characteristics hazard**
- **Avoid inhalation of materials or combustion by-products**
- **Use appropriate extinguishing measure suitable for surrounding fire**
- **Wear appropriate protective equipment.**
- **Cool containers with water until well after fire is out.**
- **Keep unauthorized personnel out.**
- **Incipient fire responders should wear eye protection.**
- **Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment.**
- **Isolate materials not yet involved in the fire and protect personnel**
- **Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray**
- **If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas**

SECTION 6 Measures against Accidental Release

A. Measures and protective equipment required to protect human body:

- Wear respiratory protection
- Avoid breathing vapours, mist or gas
- Must work against the wind, evacuate people upwind.
- Do not touch spilled material. Stop leak if you can do it without risk
- Cleanup and disposal under expert supervision is advised
- Keep unauthorized people away, isolate hazard area and deny entry
- Personnel should be trained for spill response operations
- Ventilate closed spaces before entering
- Move container to safe area from the leak area.
- Remove all sources of ignition.
- Handling the damaged containers or spilled material after wearing protective equipment.
- Avoid skin and eye contact.
- Do not breathe vapour.
- Do not take internally.
- Do not touch spilled material. Stop leak if you can do it without risk.
- Do not direct water at spill or source of leak.
- Ensure adequate ventilation
- Evacuate personnel to safe areas.

B. Measures required to protect the environment:

- Prevent runoff and contact with waterways, drains or sewers.
- If large amounts have been spilled, inform the relevant authorities.

C. Cleaning up or removing methods:

- Dispose of waste in accordance with local regulation.
- Appropriate container for disposal of spilled material collected.
- Large spill: Stay upwind and keep out of low areas. Dike for later disposal.
- Notification to central government, local government. When emissions at least of the standard amount
- Spilled material should be treated as a potential risk of waste collected
- Small leak: sand or other non-combustible material, please let use absorption.
- Prevent the influx to waterways, sewers, basements or confined spaces
- Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container.
- Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.
- You will need to determine which laws and regulations are applicable.

SECTION 7 Handling and Storage

Safe handling method:	▶ Get the manual before use. ▶ Do not handle until all safety precautions have been read and understood ▶ Avoid direct physical contact ▶ Dealing only with a well-ventilated place. ▶ Refer to Engineering controls and personal protective equipment ▶ Contaminated work clothing should not be allowed out of the workplace ▶ Since emptied containers retain product residue (vapor, liquid, solid) follow all MSDS and label warnings even after container is emptied. ▶ Do not inhale the steam prolonged or repeated ▶ Comply with all applicable laws and regulations for handling ▶ Do not eat, drink, smoke, or apply cosmetics while handling this product ▶ Remove contaminated clothing immediately
Safe storage method	▶ Check regularly for leaks ▶ Do not apply direct heat ▶ Follow applicable laws and regulations ▶ Store away from water and sewer. ▶ Keep sealed when not in use. ▶ Avoid direct sunlight ▶ Containers of this product must be properly labelled

SECTION 8 Exposure Prevention and Personal Protective Equipment

A. Exposure standards of chemical substances, biological exposure standards and etc.:

Industrial	ACGIH Regulations	Biological Exposure Standards
TWA 10 mg/m³	No data	No data

B. Appropriate engineering control:

- Ensure eyewash/ safety shower stations are available near areas where this product is used
- A system of local and/ or general exhaust is recommended to keep employee exposures below the Exposure Limits.
- Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
- The use of local exhaust ventilation is recommended to control emissions near the source.

C. Personal protective equipment:

- Respiratory protection

Any chemical cartridge respirator with a full facepiece and organic vapor cartridges

Under conditions of frequent use or heavy exposure, Respiratory protection may be needed.

Consider warning properties before use.

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Respiratory protection is ranked in order from minimum to maximum

- Eye protection

Provide an emergency eye wash station and quick drench shower in the immediate work area.

Use proper protection - safety glasses as a minimum

Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield.

- Hand protection

Chemical protective gloves should be worn

- Skin protection

Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

- Body protection

Remove contaminated clothing immediately. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

SECTION 9 Physical and Chemical Properties

A. Appearance: Paste	K. Vapor pressure: No data
B. Odor: No data	L. Solubility: No data
C. Colour: White, Grey, Beige (other colours available)	M. Vapor density: No data
D. pH: 7	N. Specific gravity: 1.45 ± 0.05
E. Melting point / Freezing point: No data	O. N-octanol/water partition coefficient: No data
F. Boiling point / Boiling point range: No data	P. Autoignition temperature: No data
G. Flash point: No data	Q. Decomposition temperature: No data
H. Evaporation rate: No data	R. Viscosity: 960,000 ± 64,000 cps
I. Flammability (solid, gas): No data	S. Molecular weight: No data.
J. Upper/Lower limit of flammability or explosive: No data	

SECTION 10 Stability and Reactivity

A. Chemical stability and potential for hazardous reactions

- This material is stable under recommended storage and handling conditions.
- Hazardous Polymerization will not occur.

B. Condition(s) to avoid

- Avoid: Accumulation of electrostatic charges, Heating, Flames and hot surfaces
- Avoid contact with incompatible materials and condition
- Moisture

C. Incompatible materials

- Combustible materials, Reducing substances
- Irritating and toxic gases

D. Hazardous substance(s) produced during decomposition

- Irritating, corrosive and toxic gas
- May emit flammable vapour if involved in fire.
- When heated to decomposition this product produces Oxides of carbon (Cox)

SECTION 11 Toxicological Information

A. Information about the highly possible exposure routes

- No data

B. Information on health hazard

Acute toxicity	No data

Oral	No data
Dermal	No data
Inhalation	No data
Skin corrosion or irritation	Contact with this product can be irritating to exposed skin, eyes and respiratory system
Severe eye damage or irritation	Contact with this product can be irritating to exposed skin, eyes and respiratory system
Respiratory oversensitivity	No data
Skin oversensitivity	Contact with this product can be irritating to exposed skin, eyes and respiratory system
Carcinogenicity	No data
Safe Work Australia	No data
IARC	No data
OSHA	No data
ACGIH	No data
NTP	No data
EU CLP	No data
Germ cell mutagenicity	No data
Reproductive toxicity	No data
Specific target organ toxicity (single exposure)	No data
Specific target organ toxicity (repeated exposure)	No data
Inhalation hazard	No data

SECTION 12 Environmental Impact

Ecotoxicity	No data
Fishes	No data
Crustaceans	EC50 > 1000 mg/L 48 hr
Birds	No data
Persistence and Degradability	No data
Persistence	No data
Degradability	No data
Bioaccumulation	No data
Accumulation	No data
Biodegradability	No data
Soil mobility	No data
Other harmful impact	No data

SECTION 13 Disposal Consideration

A. Disposal method

- **Dispose of in accordance with local regulations**

B. Precautions for Disposal

- **Dispose of waste in accordance with all applicable laws and regulations**

SECTION 14 Information Required for Transportation

A. UN number: Not applicable
B. UN proper shipping name: Not applicable
C. Transport hazard class: Not applicable
D. Packing group: Not applicable
E. Marine pollution: Not applicable
F. Special precautions for user related to transport or transportation measures

- **Local transport follows in accordance with Dangerous goods Safety Management Law**
- **Package and transport follow in accordance with the Department of Transportation (DOT) and other regulatory.**
- **Ems FIRE SCHEDULE: Not available**
- **Ems SPILLAGE SCHEDULE: Not available**

SECTION 15 Legal Regulations Status

Australian Inventory of Chemical Substances (AICS)	All ingredients are listed
Standard for the Scheduling of Medicines and Poisons	None of the ingredients is listed
Australia: Priority Existing Chemicals	None of the ingredients is listed
Industrial Safety and Health Act	Not available
Toxic Chemical Control Act	Not available

Dangerous Material Safety Control Act	Not available
Wastes Management Act	Not available
POPs Management Law	Not applicable
U.S. Federal Regulations - OSHA Process Safety	Not applicable
U.S. Federal Regulations - CERCLA Section 103	Not applicable
U.S. Federal Regulations - EPCRA Section 302	Not applicable
U.S. Federal Regulations - EPCRA Section 304	Not applicable
U.S. Federal Regulations - EPCRA Section 313	Not applicable
Rotterdam Convention listed ingredients	Not applicable
Stockholm Convention listed ingredients	Not applicable
Montreal Protocol listed ingredients	Not applicable
EU Classification	Not applicable
EU Risk Phrases	Not applicable
EU Safety Phrases	Not applicable

SECTION 16 Other References

A. Data sources

- **Corporate Solution From Thomson Micromedex(http://csi.micromedex.com)(Appearance)**
- **Corporate Solution From Thomson Micromedex(http://csi.micromedex.com)(Color)**
- **Corporate Solution From Thomson Micromedex(http://csi.micromedex.com)(Odor)**
- **Corporate Solution From Thomson Micromedex(http://csi.micromedex.com)(Melting point/Freezing point)**
- **Corporate Solution From Thomson Micromedex(http://csi.micromedex.com)(Flash point)**
- **Corporate Solution From Thomson Micromedex(http://csi.micromedex.com)(Molecular weight)**
- **Ecological Structure Activity Relationships(ECOSAR)(Fish)**
- **Ecological Structure Activity Relationships(ECOSAR)(Crustaceans)**
- **Ecological Structure Activity Relationships(ECOSAR)(Algae)**
- **Quantitative Structure Activity Relation(QSAR)(Residual)**

B. Date of the initial preparation: 26/11/2023

C. Number of revisions and the date of the last revision

Number of revisions: 2

Date of the last revision: 11/05/2026

D. Others

*This MSDS is prepared according to the Globally Harmonized System (GHS)

*This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific
context of the intended use and determine whether they are appropriate