

AMOURFLEX-MS

Sealant and Bond Breaker

1. IDENTIFICATION OF THE CHEMICAL AND SUPPLIER

- **Product Name:** Armourseal MS Sealant & Bond Breaker
- **Recommended Use:** Civil building, sealant and bond breaker.
- **Supplier:** Armourseal Pty Ltd
- **Address:** Unit 36, #36 Turner Road, Smeaton Grange NSW 2567
- **Phone:** 0418 261 479
- **Emergency Contact (24 hrs):** 02 9037 2994
- **Date of Issue:** November, 2025

2. HAZARDS IDENTIFICATION

- **Classification:** Not hazardous according to GHS criteria.
- **Dangerous Goods:** Not classified as Dangerous Goods under ADG, IMDG, or IATA.
- **Signal Word:** None
- **Hazard Pictograms:** None
- **Hazard Statements:** None

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Silane-terminated polyether (CAS 75009-88-0): 30%
- Dioctyl phthalate (CAS 117-84-0): 10%
- Vinyl trimethoxysilane (CAS 754-05-2): 10%
- Fumed white carbon black (CAS 112945-52-5): 10%
- Nano-calcium carbonate (CAS 471-34-1): 40%

4. FIRST AID MEASURES

- **Inhalation:** Move to fresh air. Seek medical attention if unwell.
- **Skin Contact:** Rinse with water. Remove contaminated clothing.
- **Eye Contact:** Rinse cautiously with water for several minutes. Seek medical advice if irritation persists.
- **Ingestion:** Rinse mouth. Do not induce vomiting. Seek immediate medical attention.
- **Notes to Physician:** Treat symptomatically.

5. FIREFIGHTING MEASURES

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, carbon dioxide.
- **Specific Hazards:** Non-flammable but may produce toxic fumes if heated.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Use personal protective equipment (gloves, safety glasses).
- Prevent entry into drains and waterways.
- Absorb with inert material and collect in labelled containers.

7. HANDLING AND STORAGE

- Handle with adequate ventilation.
- Store in a cool, dry, well-ventilated area away from heat and ignition sources.
- Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Occupational Exposure Limits:** No values assigned.
- **Engineering Controls:** Ensure good ventilation.
- **PPE:** Overalls, safety glasses, protective gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Form:** Paste
- **Colour:** White/Cream
- **Odour:** Weak characteristic odour
- **Density:** ~1.6 g/cm³
- **Flash Point:** >70 °C
- **VOC Content:** <1 g/L
- **Solubility:** Insoluble in water

10. STABILITY AND REACTIVITY

- Stable under normal conditions.
- Avoid excessive heat, sparks, and open flame.
- Incompatible with strong oxidisers, acids, bases.
- Hazardous decomposition: carbon oxides, siloxanes.

11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Low. LD50 (oral dermal) > 2000 mg/kg.
- **Skin Contact:** May cause mild irritation.
- **Eye Contact:** May cause mild irritation.
- **Inhalation:** May cause slight respiratory irritation.
- **Sensitisation, Mutagenicity, Carcinogenicity, Reproductive Toxicity:** Not expected.

12. ECOLOGICAL INFORMATION

- Avoid release into the environment.
- No acute or chronic aquatic hazards identified.
- Not bioaccumulative; not persistent.

13. DISPOSAL CONSIDERATIONS

- Dispose of in accordance with local regulations.
- Recycle packaging where possible.

14. TRANSPORT INFORMATION

- Not classified as Dangerous Goods (ADG, IMDG, IATA).

15. REGULATORY INFORMATION

- Not classified as hazardous under GHS 7.
- Not subject to international chemical control conventions.

16. OTHER INFORMATION

- **Issue Date:** March 2025
- **Version:** 1
- **Document Code:** AS-MS-SDS-2025-01
- Information provided is based on current knowledge and is intended for safe handling guidance.

CONTACT

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