

MANUFACTURER

NANVERA Advanced Materials

PRODUCT CODE (SKU)

NR-001 — NAN-VE Rubber (Standard)

REVISION DATE

May 2026 / Rev. 02

1. Identification

Product Type: Water-based elastomeric waterproofing coating.

Manufacturer: KEMT CASTELLO factory for NANVERA, Cairo, Egypt.

2. Hazard(s) Identification

GHS Classification: Not classified as a hazardous substance or mixture.

Hazard Statements (H-Codes): H320 - May cause mild eye irritation upon direct contact.

Precautionary Statements (P-Codes): P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves and eye protection.

3. Composition / Information on Ingredients

Aqueous Carrier (Water): CAS No. 7732-18-5 (Range: 25%-30%).

Nano-Treated Natural Rubber & Latex Emulsion: Trade Secret (Range: 35%-40%).

Fillers & Additives: Trade Secret (Range: 30%-35%).

4. First-Aid Measures

Inhalation: Move to fresh air. Product has ultra-low VOC content.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Flush with plenty of clean running water for 15 minutes.

Ingestion: Do not induce vomiting. Rinse mouth and seek medical attention.

5. Fire-Fighting Measures

Flammability: Non-flammable in its liquid state (water-based).

Extinguishing Media: Use foam, dry chemical, CO2, or water spray for surrounding fires.

6. Accidental Release Measures

Clean-up Methods: Absorb with inert material (sand, earth) and collect in closed containers. Prevent uncured material from entering drains.

7. Handling and Storage

Handling: Ensure adequate ventilation. Avoid prolonged skin contact.

Storage: Store between +5°C and +30°C. Protect from freezing and direct sunlight.

8. Exposure Controls / Personal Protection

Engineering Controls: Ensure good ambient ventilation.

PPE: Safety goggles, chemical-resistant gloves, and standard dust masks during application.

9. Physical and Chemical Properties

Appearance: Thick liquid / paste (Dark Beige).

pH: 7.9 (Certified by the National Research Centre - NRC).

Density: 1.18 g/cm³.

10. Stability and Reactivity

Chemical Stability: Highly stable under normal conditions.

Conditions to Avoid: Freezing temperatures.

11. Toxicological Information

Acute Toxicity: Confirmed non-toxic. EC₅₀ ≥ 100%.

12. Ecological Information

Ecotoxicity: Eco-friendly. Safe for aquatic environments and artificial lakes.

13. Disposal Considerations

Waste Treatment: Dispose of dried/cured material as solid, non-hazardous construction waste.

14. Transport Information

Transport Status: Not regulated as a dangerous good (ADR, IMDG, IATA).

15. Regulatory Information

Compliance: Complies with GHS Rev. 9 and local Egyptian standards (EOS and NRC).

16. Other Information

Revision Date: May 2026.