

COMPANY

NANVERA Advanced Materials

PRODUCT CODE (SKU)

AD-024 — NAN-VE Cement (Nano R-Cement)

ISSUE DATE / REVISION

May 2026 / Rev. 03

Section 1: Product and Company Identification

Product Type: Multi-purpose concrete additive reinforced with Nano Rubber technology. Manufacturer: KEMT CASTELLO factory for NANVERA, Cairo, Egypt.

Section 2: Hazards Identification

Classification: Eco-friendly, non-toxic product. Flammability: Non-flammable (water-based liquid).

Section 3: Composition / Information on Ingredients

Chemical Basis: Natural rubber processed using Nano Rubber technology. Solid Content: 72%±1%. Volatile Matter / Water: 28%±1% (pure water).

Section 4: First Aid Measures

Inhalation: Move to fresh air. The product has ultra-low VOC content. Skin Contact: Wash the affected area thoroughly with soap and water. Eye Contact: Rinse with plenty of clean running water for 15 minutes. Ingestion: Do not induce vomiting. Rinse the mouth and seek medical attention.

Section 5: Fire-Fighting Measures

Flammability: Non-flammable in liquid state (water-based). Extinguishing Media: Foam, dry chemical, CO₂, or water spray.

Section 6: Accidental Release Measures

Cleanup Methods: Absorb the spill with inert material (sand, earth) and collect in closed containers. Prevent entry into drains. Personal Precautions: Use PPE (gloves, goggles). Avoid slipping on wet spills.

Section 7: Handling and Storage

Handling: Ensure adequate ventilation. Avoid prolonged skin contact. Storage: Store at +5°C to +30°C. Protect from freezing and direct sunlight.

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Ensure good ambient ventilation. PPE: Safety goggles, chemically resistant gloves, and standard dust masks during application.

Section 9: Physical and Chemical Properties

Appearance: White liquid (Off-White). Solubility: Miscible with water. Density: 1.20±0.05 g/cm³ (at 25°C).

Section 10: Stability and Reactivity

Chemical Stability: Completely chemically stable under normal storage and handling conditions.

Hazardous Reactions: None. Acts as a bonding agent with cementitious materials.

Section 11: Toxicological Information

Toxicity: Non-toxic product.

Section 12: Ecological Information

Ecotoxicity: Eco-friendly. Safe for use in water-retaining structures.

Section 13: Disposal Considerations

Disposal Method: Fully set/cured material may be disposed of as standard construction waste.

Section 14: Transport Information

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

Section 15: Regulatory Information

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

Section 16: Other Information

Disclaimer: In case of discrepancy between language versions of this document, the English (UK) version shall prevail.

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