

MANUFACTURER

NANVERA Advanced Materials

PRODUCT CODE (SKU)

KC-017 — NANVARNISH

REVISION DATE

September 2026 / Rev. 01

1. Identification

Product Type: Transparent, glossy, elastomeric varnish based on natural rubber.

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

UNSPSC Code: 31211500.

CSI MasterFormat Classification: 099300.

2. Hazard Identification

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

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

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

3. Composition / Information on Ingredients

Chemical Basis: Natural rubber modified with Nano Rubber TECH technology.

Solids Content: 72%.

Volatiles/Water: 28% (pure water).

4. First Aid Measures

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

Skin Contact: Wash with soap and water before the material dries.

Inhalation: In case of discomfort, move to fresh air.

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

5. Fire-Fighting Measures

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

Extinguishing Media: Foam, dry chemical, CO2, or water spray.

6. Accidental Release Measures

Personal Precautions: Use PPE, avoid slipping hazards.

Clean-Up Methods: Absorb with an inert material (sand, earth) and collect in closed containers.

7. Handling and Storage

Handling: Ensure adequate ventilation; avoid prolonged skin contact.

Storage: Store at +5°C...+30°C, protect from freezing and direct sunlight.

8. Exposure Controls / Personal Protection

Engineering Controls: Ensure good ambient ventilation.

Personal Protection: Safety glasses, chemically resistant gloves, standard dust masks.

| 9. Physical and Chemical Properties

Appearance: Transparent liquid (glossy).

Density: 1.1 g/cm³.

Solubility: Miscible with water before drying.

| 10. Stability and Reactivity

Chemical Stability: Highly stable under normal conditions.

Conditions to Avoid: Freezing temperatures.

Hazardous Reactions: None known.

| 11. Toxicological Information

Toxicity/Ecotoxicity: Non-toxic, environmentally friendly, safe for interior use and water bodies.

| 12. Ecological Information

Ecotoxicity: Environmentally friendly. Safe for aquatic environments and artificial water bodies.

| 13. Disposal Considerations

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

| 14. Transport Information

Transport Status: Not regulated as dangerous goods (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.