

MANUFACTURER

NANVERA Advanced Materials

PRODUCT CODE (SKU)

HX-006 — HX Putty

REVISION DATE

September 2026 / Rev. 01

Product & Classification Codes

UNSPSC Code: 31211500

CSI MasterFormat Classification: 099700 (Special Coatings)

Section 1: Identification

Product type: Two-component hybrid leveling putty of dense consistency.

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

Section 2: Hazards Identification

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

H-phrases: H320 - may cause mild eye irritation upon direct contact.

P-phrases: P264 - wash hands thoroughly after handling. P280 - use protective gloves and eye protection.

Section 3: Composition / Information on Ingredients

Chemical base: Hybrid polymer resin reinforced with Nano Rubber TECH.

Solid content: $\approx$ 95%.

Volatile substances / water: $\approx$ 5% (pure water).

Section 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 putty dries.

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

Ingestion: do not induce vomiting; rinse 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

Precautions: use PPE, avoid slipping.

Cleanup methods: absorb with inert material (sand, earth) and collect in closed containers.

Section 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.

Section 8: Exposure Controls / Personal Protection

Engineering controls: ensure good ambient ventilation.
PPE: safety goggles, chemical-resistant gloves, standard dust masks.

Section 9: Physical and Chemical Properties

Appearance: thick paste (white / milky white).
Density: 1.40 - 1.50 g/cm³.
Solubility: miscible with water before drying.

Section 10: Stability and Reactivity

Chemical stability: highly stable under normal conditions.
Conditions to avoid: freezing temperatures.
Hazardous reactions: none.

Section 11: Toxicological Information

Toxicity / ecotoxicity: non-toxic, eco-friendly, safe for indoor use and water bodies.

Section 12: Ecological Information

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

Section 13: Disposal Considerations

Waste handling: dried/cured material to be disposed of as solid non-hazardous 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

Revision date: May 2026.