

MANUFACTURER

NANVERA Advanced Materials

PRODUCT CODE (SKU)

KC-015 — NAN-VE Thermal CT

REVISION DATE

June 2026 / Rev. 02

1. Product and Company Identification

Product Use: An advanced liquid primer and thermal shock diffuser that acts as a structural bonding layer in fireproofing and insulation systems.

Manufacturer: KEMT CASTELLO factory for NANVERA.

2. Hazards Identification

General Classification: Safe, non-toxic, environmentally friendly product.

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

3. Composition / Information on Ingredients

Chemical Basis: Nano-treated natural rubber (water-based, solvent-free).

Solid Content: 69%. VOC Content: 31% (pure water), ultra-low, environmentally friendly.

4. First Aid Measures

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Rinse abundantly with running water; if irritation persists, seek medical attention immediately.

Inhalation: Move the affected person to fresh air.

5. Fire-Fighting Measures

Flash Point: Non-flammable.

Fire Behavior: Use water spray, foam, or CO2 for surrounding fires.

6. Accidental Release Measures

Spill Cleanup: Absorb with inert materials (sand, soil) and collect in waste containers.

7. Handling and Storage

Handling: Use in well-ventilated areas.

Storage: Store in a cool, dry place away from direct sunlight. Shelf life: 12 months.

8. Exposure Controls / Personal Protection

Engineering Controls: Maintain good natural ventilation at the application site.

PPE: Safety glasses and rubber gloves are recommended during use.

9. Physical and Chemical Properties

Appearance: Transparent glossy liquid.

Density: 1.1 g/cm³.

10. Stability and Reactivity

Chemical Stability: Fully chemically stable under recommended storage conditions.

Reactivity: Does not react aggressively. Acts as a safe saturating and bonding agent.

11-12. Toxicological and Ecological Information

Toxicological Data: Confirmed completely non-toxic, contains no hazardous solvents.

Ecological Assessment: Classified as an environmentally friendly, sustainable product.

13. Disposal and Transport Recommendations

Disposal and Transport: Cured material is treated as standard construction waste. Not regulated as dangerous goods. Waste code EWC: 080112.

14-16. Regulatory Information

Transport Information: Not classified as dangerous goods for transport.

Other Information

Manufactured by KEMT CASTELLO for NANVERA.