

# HI-TECH Systems

## "HT CAPPING GEL"

### NON-SAG CERAMIC BLEND EPOXY SYSTEM

**Product Description:**

*HT CAPPING GEL* is a two component, 100% solids, high aspect ceramic-blend epoxy. It is a solvent free, high strength, high modulus, moisture insensitive, non-sag epoxy system. *HT CAPPING GEL* is ideal for capping ports and cracks in concrete, binding almost any material together, repairing holes, spalls, repairing rotted wood, install and repair anchor bolts, or hand rails, and as a high strength structural adhesive. *HT CAPPING GEL* can be used in concrete, hollow block, brick, stone and wood. It is ideal for use in a wide range of temperatures from 35°F to 110°F. It is an excellent choice where a high strength adhesive with maximum field reliability is desired.

**Uses and Advantages:**

- ✓ Crack injection sealer around ports and cracks.
- ✓ Low odor.
- ✓ Bonding agent (metal, concrete, brick, wood, stone, block).
- ✓ Perfect for horizontal, overhead, and screen applications. Non-sag/No-drip.
- ✓ Excellent spall patching material.
- ✓ Moisture insensitive.
- ✓ For indoor and outdoor use.
- ✓ Will not soften over time.
- ✓ Easy mix, 1 to 1 ratio.

**Classification:**

Professional contractor grade epoxy adhesive for capping, anchoring and concrete repair.

**Performance Data:**

Shelf Life	2 years
Storage Conditions	Below 95°F
Color (A+B)	Concrete Grey
Mix Ratio (by volume)	1:1
Consistency (@ 78°F)	Non-Sag
Temperature Range	35°F – 110°F
Gel Time (100 gram mass @ 78°F)	8 minutes
Compressive Yield Strength (7 days)	9,800 psi
Linear Shrinkage	0.004 cm/cm

**Surface Preparation:**

Surface must be clean and sound. It may be dry or damp, but free of standing water. Remove dust, grease, curing compounds, waxes, foreign particles and disintegrated materials.

**Bulk Mixing:**

Place 1 part by volume of component A and 1 part by volume of component B into a clean pail. Mix thoroughly until uniformly blended. Mix only the quantity that can be used within its pot life.

**Safety:**

MSDS will be mailed immediately upon receipt of a purchase order or upon request. All personnel should read and understand product Material Safety Data Sheets. Long sleeve overalls or disposable overalls, rubber gloves, splash shields, rubber or leather boots should be worn. Do use near high heat or open flame. Do not take internally. Keep out of the reach of children.

**Disposal & Clean Up:**

Empty containers must be drip free. Cured product may be disposed of without restrictions. Excess material should be mixed together and allowed to cure, then disposed of in the normal manner.

**Warranty:**

HI-TECH warrants its products to be free of manufacturing defects and that they will meet HI-TECH's current published physical properties when applied in accordance with HI-TECH's directions and tested in accordance with ASTM and HI-TECH's standards. There are no other warranties by HI-TECH of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. HI-TECH Corporation shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, including any warranty of merchantability or fitness for a particular purpose or from any other cause whatsoever.