DATA SHEET 7/15/13

HI-TECH Systems

HT Rapid Cap Seal
Non Sag Capping Gel

Product Description:

HT Rapid Cap Seal is a rapid set, high strength capping gel and repair material. This two part, non-sag, 1:1 system is 100% solids and designed for capping cracks and ports before injection and for repairing damaged vertical substrates.

Applications:

HT Rapid Cap Seal is designed specifically for capping cracks and ports before injection and for vertical patches to concrete, block, wood, rubber, fabric, and other materials. Exposure to ultraviolet light may cause slight discoloration, however the physical properties are unaffected.

Advantages:

- ✓ 100% Solids, No VOC's
- ✓ Meets USDA and FDA Requirements
- ✓ Meets USGBC LEED Criteria – IEQ4.1
- ✓ Cures from -20° F to 130° F.
- ✓ Produces High Strength Quickly
- ✓ Self Priming
- ✓ Fast initial set; rapid gain to ultimate strengths.

Physical Properties:

Viscosity (Mixed)	Non-Sag
Hardness, durometer (ASTM D2240)	67 to 72D
Tensile Strength, PSI (ASTM D412)	4600
Elongation % (ASTM D412)	6% to 8%
Compressive Strength (neat)	3900 psi
(ASTM D695) (with sand)	4800 psi
Bond Strength (ASTM 882-99)	3450 psi

Application Recommendations:

Clean the area of debris and contaminants that would act to debond *HT Rapid Cap Seal*; oils, loose materials, dirt, etc. Make sure the area is dry.

Shelf Life:

1 year in original unopened container.

Instructions:

Premix either side if any separation is noted. Mix equal amounts of A and B until uniform in color and place. Wait until hard, approximately 20 – 45 minutes before injection or sanding.

Storage Conditions:

Recommended storage temperature between 75°F to 85°F. Do not allow product to drop below 45°F or above 85°F.

Pot Life:

C-881 77° - 100 Grams
Approx. 6 minutes average

Available In:

½ Gallon Kits

Chemical Resistance:

Test Procedure; ASTM D-1308 @72°F
R=Recommend
RC=Recommend Conditional =some swelling or discoloration
N=Not Recommend
1=Some discoloration only

Chemical	Result
Acetic Acid 10 %	R
Acetone	RC
Battery Acid (Sulfuric Acid)	RC
Brake fluid	R
Chlorine (2,000 ppm in water)	R
Citric Acid	R
Gasoline	R
Hydraulic Oil	R-1
Methanol (5%) Gasoline	RC
Motor Oil	R-1
Toluene	RC
Vinegar	R
Water	R
Xylene	R

HI-TECH Systems: 1190 N. Del Rio Pl., Ontario, CA 91764 800-454-5530 / Fax 909-945-3009

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 of 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 And Clean Up:

Empty containers must be drip free. Cured product may be disposed of without restrictions. Excess 'A' and 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Cured materials may be stripped or peeled from plastic tools and containers. It is recommended that metal tools be cleaned within one hour of use by cutting or peeling cured material form tool.

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.