

Cerami Tech HG

In this Issue

**Cerami Tech HG
Repair Properties
Tip of the Month**

Having trouble with premature wear or abrasion on chutes, pipe elbows, hoppers, and other valuable equipment? Frustrated with the rising cost of steel? Need an alternative for AR Plating or Ceramic Tile? USI CAN HELP! Call (248)685-7580 today for your customized solution!!



Before



After



Our **3M** Cerami Tech HG can be applied at various thickness, from paper thin to 1/8th of inch, 1/2 inch to 1 or 2 inches letting you control how much and how long you want it to operate on wear resistant material.

Poly Nox News Flash

3M Poly Nox wins state wide approval by MDOT for bridges and steel structure maintenance!

Did you know our **3M** Metal and Ceramic Repair Systems mechanical and chemical properties can be enhanced by post curing the repair? This would be similar to heat tempering steel. Once the repair has reached full cure at ambient temperature, the part can be heated to 212 F or 100 C for 24 hours then allowed to cool. During post curing, further cross linking occurs within the resin matrix which results in the physical as well as chemical properties being improved. In general a 20-30% improvement is normal for most physical properties. The following improvements are typical for most systems:



Impact Resistance	50%
Adhesive Strength	25%
Compressive Strength	17%
Heat Resistance	30%
Flexural Strength	25%
Hardness	25%

Save the Date

September 18, 2008

I am presenting USI's solutions at the monthly Sempes meeting. Come find out what we have to offer the Power Plant Industry. Including Metal and Rubber Repairs, and Corrosion and Chemical Protection Solutions!!!
www.SEMPPES.com

Tip of the Month

Come out to our 8th Annual Labor Day 30K Festival of Races, sponsored by us at Unconventional Solutions. We have something for everybody-runners, walkers, joggers, bikers, in-line skaters and even kids. Events include a 30K and 10K Run, 10 K Walk, 45 and 10 Mile Skate, 30K and 100K Bike, and 1/2 mile fids fun run!

Proceeds benefit the Milford High School Track and Cross Country Team, Down Syndrome Awareness and Alzheimer's Association. It's a fun filled day of events and activities and will give your employees a reason to get into shape or stay in shape, hopefully reducing your healthcare cost and at least improving worker moral. As they say, "a healthy body makes for a healthy mind."

Thanks for Reading,

Doug Klingensmith

(248)685-7580 www.unconventionalsolutions.biz

