



# MCS-EPOXY

## Description & Specifications



Part # **MCS-EPOXY**

### Description

- Premeasured resins and hardeners in one tube
  - Easy to use - bonds, seals, plugs, molds, and rebuilds
  - No special tools needed
  - Can even harden under water
1. Thoroughly clean surface to be repaired, removing any grit, grease, or paint. For best adhesion, roughen area with emery cloth, sandpaper or file before applying.
  2. Remove wrapper from putty and cut or break off enough for desired repair. Knead until mixture is one uniform color.
  3. Apply at once. Shape, smooth and remove any excess putty before it hardens. Use a putty knife or fingers to press putty into any cracks or depressions. Use within 2 or 3 minutes after mixing. At room temperature, putty will begin to harden in 3 to 7 minutes, sets hard in 12 to 20 minutes and can be sanded, drilled, machined or filed in about one hour.
  4. Immediately press tube into center of epoxy dab. Form epoxy around tube and smooth any cracks so that it has a good bond.
  5. Wash hands with soap and water immediately after use.
  6. Insert MCS-T100 probe into tube. Tube is prefilled with heat transfer grease. Form a drip loop with sensor cable at tube opening.
  7. Wrap pipe and tube with high temp resistant thermal tape. Double back sensor cable and cable tie to the insulated pipe. If installing on a hot discharge pipe, be sure to insulate the pipe ahead of the tube opening. Do not let the sensor cable come in contact with the hot discharge line. Wrap and cover remaining exposed tube with thermal tape.

### Specifications

EP-200 .....	2 oz
Pressure tested to .....	1300 psi
Temperatures up to .....	500 degree F
Color .....	Gray
Density .....	15.9 lb/gal (1.9 g/cc)
Shelf Life .....	3 years
Hardness (Shore D) .....	85
Tensile Strength .....	6000 psi
Compressive Strength .....	18.000 psi
Modulus of Elasticity .....	6 x 10 <sup>5</sup> psi
Shear Strength .....	700 psi
Izod Impact .....	0.3 ft lbs/in of notch
Dielectric Strength .....	400 volts/ mil @ 0.125 in
Volume Resistivity .....	5 x 10 <sup>5</sup> ohm-cm

**WARNING:** Contains epoxy and mercaptan resins. Can cause skin and eye irritation. Keep out of reach of children. DO NOT SWALLOW.

**FIRST AID:** Eyes - Immediately flush eyes with plenty of water for at least 15 minutes. Skin - Flush contaminated area with plenty of water. Consult physician if irritation develops. Ingestion - DO NOT INDUCE VOMITING if product is swallowed. If affected person is conscious, give plenty of water to drink and get medical attention immediately. **STORAGE AND HANDLING:** Keep this product away from food and food products. Store tightly closed container in dry area at temperatures between 40 degree F and 120 degree F. **KEEP OUT OF REACH OF CHILDREN.**

Revision 2015-05-14