

**Cox Sales Company**  
**2035 Cook Drive**  
**Salem, Virginia 24153 USA**  
**Phone: (540) 345-2636 FAX: (540) 342-8684**

## **P-217-4**

### **High Temperature Resistant Single Part Structural Magnet Adhesive**

#### **DESCRIPTION**

**P-217-4** is a single part heat cure epoxy adhesive formulated to bond steel, aluminum, ferrite, and most other ferrous and non-ferrous metals. This adhesive will withstand elevated temperatures and is resistant to most chemicals. To insure the best chemical resistant and heat resistant properties, it is recommended that the **P-217-4** adhesive joint be brought to the temperature of 150°C for 2 hours. This may necessitate an actual cure time of greater than 2 hours for high mass components. Higher cure temperatures will dramatically reduce the time needed to cure the product. Lower cure temperatures will offer reduced chemical and heat resistant properties. Lab evaluation should be performed on your specific application with regard to cure temperature and time. This product may contain fillers that may settle over time. Product may need to be stirred before using. Customer must determine suitability of product before using.

#### **TYPICAL PROPERTIES**

Color:	Tan to Buff
Viscosity 25°C:	Paste
Specific Gravity:	1.50 g/cm <sup>3</sup>
Shelf Life:	110 days at 25°C
Gel time at 130°C:	10 minutes
Onset Temperature:	136 °C

**PERFORMANCE PROPERTIES**

Cure Time – Thin Film      2 hrs @150C

Glass Transition (Tg)      95C

Lap Shear @ 23C CRS to CRS      1500psi

***Compound contains no restrict materials including: Pb, Cr+6, Hg, or C***