

# The *HITT* Companies

*HITT* Marking Devices • I.D. Technologies & Forensics • National Stencil & Sign

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## **TECHNICAL SHEET** **EPOXY PACK** **MARKING INKS**

Epoxy ink clip packet is a two-component, epoxy based marking ink that meets the requirements of MIL-I-43553 and A-A-56032C and also meets, or exceeds, the requirements of MIL STD 202, Test Method 215. This system offers excellent adhesion to glass, metals and plastics. This epoxy ink is extremely resistant to acids, alkalis, solvents, chemicals, salt spray, thermal shock and fungus growth.

Black Ink Meets; Mil-Spec; A-A-56032C Formerly MIL-I-43553B, Type I & III

White Ink Meets; Mil-Spec; A-A-56032C Formerly MIL-I-43553B, Type I, II and III

### **CURE SCHEDULE**

Epoxy ink packets are available in a room temperature cure system. A heat cure system is available where longer work life is desired. The heat cure system is designated with a -1 nomenclature. This system will cure overnight at room temperature, with full cure achieved in 5-7 days. Schedule for heat cure is: 90 minutes @ 175°F, 1 hour @ 200°F, 1/2 hour @ 250°F, 15 minutes @ 300°F, or 5 minutes @ 400°F. Work life @ 70°F is 1-2 hours for room temperature cure, 3-4 hours for heat cure.

How to use: Pull both ends of packet to remove clip. Mix contents thoroughly by kneading. Allow contents to sit thirty minutes. Dispense contents onto transfer-pad. If transfer type making machine is not used, dispense contents onto piece of glass. Using a brayer, roll out a thin ink film and begin stamping.

The information contained herein is believed to be reliable. All recommendations are made without guarantee in as much as conditions and methods of commercial use are beyond our control. Properties given are typical values and are not intended for use in preparing specifications. Any questions call 714-979-1405 or email us at [Sales@HittMarking.com](mailto:Sales@HittMarking.com).