

# CAPCURE® 3-800

## USE

CAPCURE® 3-800 is a mercaptan (SH) terminated liquid curing agent which imparts rapid-cure characteristics to epoxy resins in combination with selected amines. These systems are unique in that they also provide rapid cure rates at low temperatures and in thin films.

## PROVIDES

- Rapid Cures
- Low Temperature Cures
- Thin Film Cures
- Low Toxicity
- Excellent Color

## TYPICAL APPLICATIONS

- Consumer Patch Kits
- Road Marker Adhesives
- Industrial Adhesives
- Jewelry and Craft Adhesive Cure
- Acceleration of Epoxy Adhesive Cure

## TYPICAL PROPERTIES

Color, Gardner .....	1.0 max.
Moisture, Dean Stark, Wt % .....	0.3 max.
Mercaptan Value, meq/g.....	3 min.
Viscosity, Brookfield, cP @ 25 °C.....	10,000 - 15,000
Density, g/ml @ 25 °C .....	1.15
pH.....	3.0 – 5.0
Chloride, Wt %.....	0.15 max.

## CAPCURE® 3-800 (cont.)

### APPLICATION PROPERTIES

CAPCURE® 3-800 is a unique polymercaptopan epoxy hardener which, when used with a catalyst, provides very rapid cures of epoxy systems, even in thin films and at low temperatures. The catalyst is an integral part of a CAPCURE® 3-800 system. The action of a properly selected catalyst can provide gel times as short as 4 minutes. GPA-30 tertiary amine is a most effective catalyst for CAPCURE® 3-800 systems. A two part epoxy system can be obtained by blending the tertiary amine into the CAPCURE® 3-800 to produce the epoxy hardener system. In the blending process, care should be taken to avoid introducing iron contamination. The catalyst, fillers, other additives and the equipment used should be selected carefully with avoidance of iron contamination in mind. Iron contamination in connection with oxygen in the atmosphere may cause skinning in some systems.

### REGULATORY STATUS

TSCA (USA), DSL (Canada), PICCS (Philippines), AICS (Australia), ENCS/MITI (Japan), IECSC (China), EINECS (EU)

### PACKAGING, STORAGE AND HANDLING

CAPCURE® 3-800 is shipped in lined tighthead 55 gallon (500 lbs. net) steel drums. CAPCURE® 3-800 should be kept in tightly closed containers when not in use and stored in a cool, dry place. Additional handling information is contained in a material safety data sheet which is available on request.

### SHIPPING POINT

Ashtabula, Ohio