



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

Specifications

Color, Gardner	2.0 max.
Gel Time, Minutes @ 25 °C	4.5 - 6.5
Moisture, Dean Stark, Wt %	0.3 max.
Mercaptan Value, meg/g	3 – 5
Viscosity, Brookfield, cP @ 25 °C	10000-16000
Density, g/ml @ 25 °C	1.13 - 1.17
pH	3.0–5.0
Chloride, Wt %	0.15 max.

Gabriel Performance Products

725 State Road
Ashtabula, OH 44004
866-800-CHEM (2436) or 440-992-3230
<http://www.gabepro.com>



Important: The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. No warranty or guarantee, express or implied, is made regarding performance, stability or otherwise. This information is not intended to be all-inclusive as the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or to violate any Federal, State or local laws.



CAPCURE[®] 3-800

Application Properties

CAPCURE[®] 3-800 is a unique polymercaptan 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

Gabriel Performance Products

725 State Road
Ashtabula, OH 44004
866-800-CHEM (2436) or 440-992-3230
<http://www.gabepro.com>



Important: The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. No warranty or guarantee, express or implied, is made regarding performance, stability or otherwise. This information is not intended to be all-inclusive as the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or to violate any Federal, State or local laws.