



GABRIEL PERFORMANCE PRODUCTS

GPM-800

(Mercaptan-Terminated Polymer)

CAS Registry Number: Trade Secret

Description:

GPM-800 is a mercaptan-terminated polymer used as a liquid curing agent with unique rapid-cure characteristics for epoxy resins at ambient temperatures when utilized in conjunction with certain amines. This material imparts rapid cure rates on systems at low temperatures and in thin films. In addition, GPM-800 is a low toxicity compound with exceptional color.

Applications:

Industrial Adhesives
Protective Coatings
Reinforced Plastics
Electrical Insulation
Tooling
Road Marker Adhesives
Consumer Patch Kits
Acceleration of Epoxy Adhesive Cure
Jewelry and Craft Adhesive Cure

Regulatory Inventory Status:

TSCA, EINECS, DSL, PICCS, AICS, ECL, ECS

Typical Properties:

Appearance	Colorless to pale yellow liquid
Odor	Sulfur-like
pH	3.0–5.0
Specific Gravity	1.15
Flash Point	258 °C

Specifications:

Color, Gardner	2 max
Color, Amine	No dark pink or red
Viscosity at 25 °C, cP	10000 – 15000 cP
Mercaptan Value, meq/g	3.0 min
Chlorine, Wt%	0.15 max
Moisture, Dean Stark, Wt %	0.30 max

Typical Properties with Epoxy Resin:

Mix Ratio	*100 phr DGEBA Epoxy Resin (EEW: 190)
Gel Time @ 25 °C	2-4 minutes

Packaging:

55 gallon drums (500 lbs. net)

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.