



# CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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## CTLP(TMP/ME)-75

*Trimethylolpropane trimethacrylate  
on a Calcium Silicate Binder*

### ***Product Description:***

*CTLP(TMP/ME)-75* is a 75% active liquid concentrate of trimethylolpropane trimethacrylate absorbed on calcium silicate in powder form. This product form is designed to offer the following advantages: Improved incorporation of viscous liquid ingredients into compounds.

- Shorter incorporation time
- Easier to handle and more accurate to weigh
- Reduces the waste associated with residual liquid in drums, pails, measuring equipment
- Can be preweighed in batch inclusive bags to specific customer weights

### ***Active Ingredient:***

Trimethylolpropane trimethacrylate

### ***Typical Properties:***

### ***CAS #'s***

Trimethylolpropane trimethacrylate	75 ± 2%	3290-92-4
Calcium silicate	25 ± 1%	1344-95-2
Specific Gravity	1.24	

### ***Appearance:***

Form Free Flowing Powder

Color Off-White

Odor: Slight Characteristic Odor

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***Application / Recommendations:***

*CTLP(TMP/ME)-75* should be evaluated as a direct replacement for trimethylolpropane trimethacrylate and dry liquid concentrates of this product on an active ingredient basis. A reduction in the active ingredient requirement should be considered as a result of easier and faster incorporation and reduced waste.

Trimethylolpropane trimethacrylate is used is a low volatility trifunctional monomer offering fast cure response in free radical polymerization. It performs well where properties such as weatherability, chemical and water resistance, hardness and abrasion resistance and heat resistance are required.

***Packaging:***

Standard packaging is sixty (60) pounds per cardboard box. Other packaging options are available upon request.

***Handling and storage:***

Trimethylolpropane trimethacrylate is a skin, eye and respiratory irritant and possible skin sensitizer. Safety information on the liquid component states that high temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerizing reaction generating heat/pressure.

*CTLP(TMP/ME)-75* must be stored in a cool, dry place. Partially used containers should be kept closed to minimize exposure and avoid contamination. Avoid physical contact. Wash with soap and water thoroughly after handling. If contacted in the eye, flush with water for 15 minutes and consult a physician. Please refer to the MSDS for additional information.

***For Additional Information:***

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