



# CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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## CTLP(R152)-70

### *Polybutadiene on a Synthetic Calcium Silicate Hydrate Binder*

#### **Product Description:**

**CTLP(R-152)-70** is a 70% active liquid concentrate of Polybutadiene absorbed on synthetic calcium silicate hydrate 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.
- Eliminates the time and energy costs to pre-heat the material.
- Can be preweighed in batch inclusive bags to specific customer weights

#### **Active Ingredient:**

1, 3 -Butadiene Homopolymer

#### **Typical Properties:**

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

Polybutadiene	70 ± 2%	9003-17-2
Synthetic calcium silicate hydrate binder	30 ± 2%	1344-95-2
Specific Gravity	1.11	

#### **Appearance:**

Form Free Flowing Powder

Color: Tan

Odor: Mild Characteristic Odor

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***Application / Recommendations:***

*CTLP(R-152)-70* should be evaluated as a direct replacement for Polybutadiene 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.

Polybutadiene is a Type II coagent giving excellent crosslink densities without affecting the rate of cure. It is recommended in extrusions and moldings.

***Packaging:***

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

***Handling and storage:***

Repeated skin exposure may cause skin drying and cracking. The increased surface area of a powdered liquid may cause the liquid to be more sensitive to the atmosphere.

*CTLP(R-152)-70* 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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