



# KEY 9000 MMA HARDENER

## DESCRIPTION

**KEY 9000 MMA HARDENER** is a white dry powder consisting of 50% BPO, Dibenzoyl Peroxide. It must be well mixed with Key Resin MMA resins before adding other fillers and aggregates to ensure the hardening of the mixed materials. Any exceptions to this mixing sequence must be confirmed with Key Resin Technical Services.

**KEY 9000 MMA HARDENER** is soluble in Acrylic (MMA) resin. After mixing the powder into reactive acrylic it starts the polymerization reaction, which leads to the hardening process of the floor system.

## TECHNICAL DATA

Appearance	Sandy, white dry powder
Content of Dibenzoyl Peroxide and Dicyclohexyl Phthalate	Approximately 50%
Self-Accelerating Decomposition Temperature (SADT)	140°F
Self-Ignition Temperature	>680°F
Solubility	Not soluble in water

## PACKAGING

8 vol. oz.	8 vol. oz. jar
5 lbs.	1 gallon pail
15 lbs.	3 gallon pail
55 lbs.	1 box

## PROCESSING

**KEY 9000 MMA HARDENER** must only be mixed immediately before the application of Key Resin MMA resins. Fillers and aggregates are added after the hardener is added and mixed, unless otherwise approved by Key Resin Technical Service. It is important to follow the mix ratio chart for each resin pertaining to temperature and desired set time, refer to the individual resin product data sheets and the Key 9000 MMA Hardener Mixing Chart document for the correct amount of hardener. The amount of hardener needed depends on the type of resin being used and the temperature.

## SAFETY NOTES

**KEY 9000 MMA HARDENER** is an oxidizing agent that violently decomposes under the influence of heat or when in contact with reducing agents. Do Not Mix With Accelerators. Store separately from the Key Resin MMA resins. Review MSDS information thoroughly.

## STORAGE

Store in tight containers in dry environments below 80°F.

## WARRANTY

Information regarding Key Resin brand MMA resins and systems is based upon extensive research and experience in the field of applied engineering by the manufacturer **Plasti-Chemie GMBH International**. By making such information available, Key Resin does not thereby assume any liability beyond express terms of our standard limited material warranty. Key Resin does not warrant the accuracy or completeness of any such information, whether conveyed orally or in writing, but to the best of our knowledge believe it to be accurate. We reserve the right at any time and without notice to update or improve our products and process and our information concerning the same. By Key Resin making this information available does not relieve the purchaser or user from his obligation to verify the suitability of our products and processes for the intended use or application. The purchaser and user likewise have the responsibility to ensure that the purchase, use or application does not infringe upon patent rights or other rights of third parties.

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