

# ProCRYL™ Initiator



Performance Resins and Coatings

**ProREZ Coatings, LLC**

712 Brook St., Unit 107, Rocky Hill, CT 06067  
877.511.3456 • [www.prorezcoatings.com](http://www.prorezcoatings.com)

## TECHNICAL DATA SHEET



### DESCRIPTION

**ProCryl MMA Initiator** is a white dry powder consisting of 50% BPO, Dibenzoyl Peroxide. It must be well mixed with **ProREZ 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 **ProREZ** Technical Services.

**ProCryl MMA Initiator** 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

White 5 Gallon Pail

White 1 Gallon Pail

### PROCESSING

**ProCryl MMA Initiator** must only be mixed immediately before the application of **ProREZ MMA** resins. Fillers and aggregates are added after the hardener is added and mixed, unless otherwise approved by **ProREZ** 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 **ProCryl MMA Initiator** Mixing Chart document for the correct amount of initiator. The amount of initiator needed depends on the type of resin being used and the temperature.

### SAFETY NOTES

**ProCryl MMA Initiator** 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 **ProREZ MMA** resins. Review SDS information thoroughly.

### STORAGE

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

### ProCryl Initiator quantity for ProCryl resins with regard to temperature.

	32 - 40 °F (fl. oz./gal.)	40 - 50 °F (fl. oz./gal.)	50 - 60 °F (fl. oz./gal.)	60 - 70 °F (fl. oz./gal.)	70 - 80 °F (fl. oz./gal.)	80 - 90 °F (fl. oz./gal.)
ProCryl Primer	8.0	8.0	7.0	5.0	4.0	3.0
ProCryl Binder	9.0	9.0	7.0	5.0	4.0	4.0
ProCryl FX Binder	10.0	10.0	8.0	6.0	4.0	4.0
ProCryl HT Topcoat	8.0	8.0	6.5	4.0	3.0	2.0
ProCryl KT Topcoat	8.0	8.0	6.5	4.0	3.0	2.0
ProCryl UVR Topcoat	8.0	8.0	6.5	4.0	3.0	2.0
ProCryl Cove	8.0	8.0	7.0	5.0	4.0	3.0

Initiator quantity calculated on used resin. Temperature statements refer to resin, floor, and air temperature.

Typical properties are approximate reference values. If you need product specifications, please contact us.

**Note: All values are derived from laboratory tests. Deviations caused by environmental factors might occur.**

**Warranties:** Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. Seller makes no other warranty, express or implied, and all implied warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Seller shall not be liable for prospective profits or special indirect or consequential damages. Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited, at seller's option, to replacement at the original F.O.B. point or refund of purchase price. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product.