

Macrylex H00

Dibenzoyl peroxide hardener

DESCRIPTION

Macrylex H00 is a dry white powder made up of 50% BPO, Dibenzoyl Peroxide. It must be mixed thoroughly with Macrylex resins before adding other fillers and/or aggregates to ensure the hardening of the mixed materials. Any exception to this mixing sequence must be confirmed with Duraamen Technical Representative.

Macrylex H00 is soluble in Macrylex resin. After mixing the powder into the reactive resin the reaction initiates the polymerization reaction that 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 lb	1 gallon jar
15 lb	3 gallon jar
55 lb	1 box

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PROCESSING

Macrylex H00 must only be mixed immediately before the application of Macrylex Resins. Fillers and aggregates are added after the hardener is added and mixed. 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 Macrylex H00 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

Macrylex H00 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 Macrylex resins. Review MSDS information thoroughly.

STORAGE

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

