

Epoxy.com Product #695 BPO Hardener

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Epoxy.com Product #695

Methyl Methacrylate Hardener (Hardening Powder - BPO)

Description

Epoxy.com Product #695 Hardener Powder (BPO) for Epoxy.com MMA Flooring Systems is for use with Epoxy.com Products [#691](#), [#692](#), [#693](#), [#697](#), #698 & #699. Epoxy.com Product #695 Hardener Powder (BPO) for Epoxy.com MMA Flooring Systems dosing can be changed due to temperature and desired set time / working time. Epoxy.com Product #695 must be well mixed with Epoxy.com MMA before adding any other aggregates and fillers. After mixing the Epoxy.com Product #695 Hardening Powder into Epoxy.com MMA the polymerization reaction which leads to the hardening of the MMA begins.

Composition

Epoxy.com Product #695 is a white dry powder consisting of 50% BPO, Dibenzoylperoxide.

Technical Data

Appearance	Sandy, white dry powder
Content of Dibenzoylperoxide and Dicydohexlphtalate	Approximately 50%

Self-accelerating decomposition temperature	140°F
Self-ignition temperature	>680°F
Solubility	Not soluble in water

Packaging

1/2 pound Bag		approximately 10 Volume Ounces
5 pound	1gallon Pail	approximately 100 Volume Ounces
15 pound	3 gallon Pail	approximately 300 Volume Ounces
55 pound	Box	approximately 1,100 Volume Ounces

Use

Epoxy.com Product #695 MMA Hardener Powder must be mixed just immediately before the application of Epoxy.com MMA. All other powders and fillers must be added *after* Epoxy.com Product #692 and the Epoxy.com MMA resin have been well mixed together. A dosing chart is shown below. Be sure to double check with the individual technical data sheets for the Epoxy.com MMA you are mixing with Epoxy.com Product #692.

Caution

Epoxy.com Product #692 is an oxidizing agent that violently decomposes under the influence of heat or when it comes in contact with deducing agents. ***Do Not mix With Accelerators.*** Store separately from Epoxy.com MMA resins. Review MSDS information completely before using this or any other Epoxy.com Products.

Storage

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

Mix Ratios

PRODUCT	SUBSTRATE/MATERIAL TEMPERATURE (°F)	Epoxy.com Product #695 MMA Hardener (BPO)VOL OZ.PER GALLON OF RESIN
#691 MMA Primer	30°F	12.7
	40°F	9.0
	50°F	7.5
	60°F	5.5
	70°F	3.5
	90°F	1.8
#692 MMA Flexible Membrane	40° F	8.0
	50°F	7.0
	60°F	5.0
	70°F	5.0
	90°F	3.0-4.0
Epoxy.com #693 MMA	40°F	5.5
	50°F	4.5
	60°F	3.5
	70°F	2.0
	90°F	1.0-2.0

1 lb. by weight of Epoxy.com Product #695 equals approximately 20 volume ounces.

Information regarding Epoxy.com MMA resins and systems is based on extensive research and experience of the raw material manufacturer. By making such information available Epoxy.com does not thereby assume any liability beyond the express terms and conditions of our standard limited material warranty. Information is based on information that Epoxy.com believes to be correct, but Epoxy.com does not warrant the accuracy or completeness of any such information. 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 Epoxy.com making this information available does not relieve the purchaser or user from his obligations to verify the suitability of our products and processes for the intended use or application.

Proper mixing and installation is critical to the optimal success of all product. See [Installation Tips](#), [Techdata](#), & [MSDS](#) for more details on our products. Be sure to contact us with any questions and/or concerns that you have.

For more information please contact:

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