

HX-STIFFENING AGENT™

A High Performance Liquid Stiffener for Casting & Mask Making Latex



PRODUCT OVERVIEW

HOLDEN'S HX-STIFFENING AGENT™ is a one part, low viscosity, pourable liquid that, when mixed into a casting or mask making latex, will increase the stiffness and reduce the flexibility of the cured latex. Varying levels of stiffness can be achieved in proportion to the amount of **HX-STIFFENING AGENT™** added.

HX-STIFFENING AGENT™ is compatible with **HX-200™** Casting Latex, **HX-407™** Mask Making Latex and **HX-807™** Brushable Casting Latex. These products are used only when casting into a gypsum mold.

HX-STIFFENING AGENT™ offers versatility and control when using Holden's Latex products to make hollow cast objects, puppetry, theatrical scenery, mask making, etc.

GENERAL PREPARATION:

PREPARATION: Do not allow **HX-STIFFENING AGENT™** to freeze.

Store and use material at room temperature (73°F/23°C). This product has a limited shelf life and should be used as soon as possible. Use in well ventilated area. Wear safety glasses, long sleeves, and rubber gloves to minimize contamination risk. Keep container closed when not in use.

POURING, USAGE & PERFORMANCE:

MIXING, MEASURING AND CURING:

An accurate gram scale is required when weighing components. Stir Stiffening Agent thoroughly before dispensing. Dispense by weight into casting or mold making latex of choice and mix thoroughly. By varying the amount of stiffening agent, you can control the flexibility of the final cast.

Add up to 3.5 parts by weight of **HX-STIFFENING AGENT™** to your casting, or mask making latex. Mix thoroughly by hand, avoiding creation of bubbles in the mixture. Do not use a mechanical mixer as this may introduce air. After mixing, pour or brush mixture into gypsum mold.

USAGE RATIO BY WEIGHT

HX-200/407/807	HX-STIFFENING AGENT™	Flexibility
1 part by weight	0.5 part by weight	Very Flexible
1 part by weight	1.0 part by weight	Flexible
1 part by weight	1.5 parts by weight	Medium Flexibility
1 part by weight	3.5 parts by weight	Least Flexible

IMPORTANT CONSIDERATIONS:

HX-STIFFENING AGENT™ will make the latex more brittle in proportion to the amount added. NOT recommended for mold making latex due to the brittleness factor.

HX-STIFFENING AGENT™ does not significantly affect cure time of the latex.

SAFETY FIRST

The Safety Data Sheet (SDS) for this or any Holden's Latex product should be read prior to use and is available upon request from Holden's Latex. All Holden's Latex products are safe to use if directions are read and followed carefully.

Keep Out of Reach of Children

BE CAREFUL - Avoid use if you have known allergies to natural latex. Avoid contact with eyes. Flush eyes with water for 15 minutes and seek medical attention. Remove from skin with waterless hand cleaner followed by soap and water. Children should not use this product without adult supervision.

IMPORTANT - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.