

NaturForm Mask Making Latex Rubber

Technical Bulletin

DESCRIPTION: NaturForm Mask Making Latex Rubber is a one-part, pourable liquid that, when poured into a dry, unsealed plaster mold, cures to a high-strength, flexible casting rubber. These casting rubbers produce flexible, hollow parts for uses such as novelty/Halloween masks, props, flexible sculpture and animatronic skins.

MIXING AND CURING: Stir before use. Pour into a dry, unsealed gypsum mold. Tilting or lightly vibrating the mold may help to eliminate bubbles if the mold contains complex undercuts or deep details. For a very thin skin, pour the excess latex back into the container immediately or within a couple of minutes. For a thicker skin, allow the product to stay in the mold longer before pouring off excess. As an example, a standing time (or dwell time) of 30 minutes yields a ~1/16-inch thickness. Dense plasters are not as absorbent and, therefore, cause thicknesses to build more slowly. Humidity and ambient temperature will also affect the drying time of latex. Allow NaturForm 30 to dry in the mold for 24 hours at room temperature.

USING THE CASTING: Lightly dust the inside of the casting with talc in order to prevent the dry rubber from sticking to itself. Avoid exposing the casting to oils, greases or solvents. Castings should be stored out of direct sunlight.

SHELF LIFE & STORAGE OF LIQUID LATEX: Use liquid latex within three months. For best results, store products in unopened containers at room temperature (60-90°F). Exposure to temperatures <45°F and >80°F may damage latex, causing irreversible coagulation. **DO NOT ALLOW TO FREEZE.** Do not store latex in unlined, metal containers.

CLEAN UP: Clean up wet and dry latex with soap and water.

SAFETY: Before use, read product labels and Safety Data Sheets. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep container closed when not in use.

DISCLAIMER: The information in this bulletin and otherwise provided by Polytek® is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. Before using, the user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.

Natural Latex Casting Rubber for Mask Making

Why Choose NaturForm Mask Making Latex?

- One part material - no mixing or weighing
- Tough rubber with high elongation properties
- Forms hollow castings without roto-molding

PACKAGING	
Product	Size*
NaturForm 30 Mask Making Latex	2.0 (1 qt)
	8.0 lb (1 gal)
	40 lb (5 gal)
	400 lb (55 gal)
*Volume measurements are approximate.	