

## *Technical Data Sheet*

### *HOLDEN'S FOAM LATEX*

#### Overview

A commercial grade, high performance, natural latex foam appliance creation kit

#### Features

- Fine detail reproduction
- Flexible
- Paintable and tint-able
- High Stability
- Long storage life
- Easy to use

#### Applications

- Animatronics
- Mask Making
- Puppetry
- Soft casted objects
- Special effects
- Theatrical scenery

#### Single Batch Mixing Ratio

	<b>Grams</b>	<b>Oz</b>	<b>Tbsp</b>
<b>Latex Base</b>	170	6	12
<b>Curing Agent</b>	14	0.5	1
<b>Foaming Agent</b>	30	1	2
<b>Gelling Agent</b>	14	0.5	1

#### Usage

- Combine latex base, curing agent, and foaming agent at high speed in an electric mixer until 3, to 6 times original volume
- Add gelling agent to batch at low speed to refine and de-ammoniate
- Fill your mold with the liquid foam, and allow contents to gel
- Once gelled, cure your mold at 230<sup>0</sup>F from 45 minutes to 2 hours depending on mold size
- De-mold when mold is comfortable to the touch
- Wash and clean your finished piece
- Foam latex can be tinted while mixing gelling agent, or painted after cured, and cleaned

#### The Mixing Process

- The higher the volume the softer your foam latex
- The lower the volume the denser (harder) your foam latex
- Volume is determined by your mixing speed
- A softer foam latex is harder to pour in to your mold

- A denser foam latex is easier to pour in to your mold
- The refining process is used to make all the foam cells uniformly small in size

## **Product Safety**

The Safety Data Sheet (SDS) for this, or any Holden's Latex product, should be read prior to use and is available online, or upon request from Holden's Latex.