

## DESCRIPTION

Natron™ STC 370HP is a two-component silicone soft-touch & low friction coating  
 Formulated to pass FDA testing, bio-compatibility, and other medical application requirements.  
 Formulated for spray coating onto silicone rubber parts  
 This coating has very strong adhesion onto silicone rubber products  
 It features include; dust proof, low coefficient of friction (CoF), odorless  
 Rubbing, chemicals, water, salt, and scratch resistance  
 Uses heat to dry and cure at 275°F – 400°F

## APPLICATIONS

Suitable for medical device, electronics, and other applications designed to contact human body.  
 The function of the silicone soft touch coating is to impart a low friction & soft-touch coating which is resistant to abrasion.

## PROPERTIES

- Translucent, milky white liquid	- Excellent adhesion on silicone rubber	Pot-life	>12 hours
- Dust proof on cured products	- Suitable for outdoor exposure - resistant to fading	Viscosity	≥10000mPa.s
- Excellent flexibility	- Easy to spray coat.	Cured Odor	None
- Exceptional abrasion resistance	- Very good chemical resistance	Cured Color	Clear/Translucent

## ADDITIVES

Catalyst	Ratio [ % of ink weight ]	Solvents	Speed	Ratio [ % of ink weight ]
SC45X	10%	SF Solvent	Very fast	300% - 500%
		SSC Solvent	Medium	300% - 500%

## INSTRUCTIONS FOR USE

Stir the coating before pouring it into a mixing container

Pour the STC 370 coating into mixing cup. Note the weight

**Required:** Add Catalyst 10% of the coating weight

Stir thoroughly to ensure homogeneity

**Required:** Add solvent. 300% - 500% of the coating weight.

Let the silicone mixture sit for 5 minutes

**Spray Coat**

Spray coat the silicone product in a **dust free environment**

Spraying distance: 20-25cm

Spraying Pressure: 0.2-0.3mPa

**Dry and cure** the product at the appropriate temperature between: 275°F – 400°F, for 5 – 10 min

Note: Different silicone substrates cure at different temperatures

**Other Application Methods:** Dip coat and brush-on methods are possible

**Warning:** Consult the MSDS for solvents prior to use.

**Packaging**

1 Kg (2.2lb)  
 10 Kg (22lb)  
 20 Kg (44lb)

**Warranty**

6 Months

**Storage**

Temperature: 32 - 90°F  
 Humidity: 55 - 85%

## SPECIFICATIONS

The data and information given in this sheet is based on our present experiences and testing. Boston Industrial Solutions, Inc. does not warranty the use or application of the products it manufactures or supplies. Our only obligation shall be to replace any defective products supplied by us or to refund the original price of the product after we have determined it to be defective. We assume no liability for any other loss or damage caused direct or indirect by our products.

**It is absolutely necessary to make printing trials prior to start an entire production run to determine ideal temperature and time best suited for individual applications.**

Please contact Boston Industrial Solutions, Inc. with any technical questions regarding our products or to obtain additional MSDS information.

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