

Rhodorsil[®] THIXO Additive 22646

Additive for Silicone Elastomers

Description

Rhodorsil[®] THIXO Additive 22646 is a unique liquid additive that can be used with some of the polyaddition and polycondensation cure moldmaking compounds. **Rhodorsil[®] THIXO Additive 22646** is used to impart a non-flowing consistency allowing the compound to be brushed or troweled onto a model ~ changing the rheology from a flowable liquid to a non-slumping paste, while maintaining the excellent rubber properties of the base material.

Applications

- On-site architectural reproductions
- Glove Molding

Typical Properties

	<i>Value</i>
Color	Clear
Viscosity, cps (mPa's)	1,500
Specific Gravity	1.04

Please note: The typical properties listed in this data sheet are not intended for use in preparing specifications for any particular application of Rhodorsil[®] silicone materials. Please contact our Technical Service Department for assistance in writing specifications.

Suggested Mix Ratios

Polyaddition: Rhodorsil[®] THIXO Additive 22646 can be added either component, or to the mixed A+B. Levels at 0.1%, based on weight of A + B, will give a product that will be thickened but retain some level of slump. Levels of 0.5% (based on weight of A + B) will render the product paste-like with no slump. Polyaddition products that can be used with the **Rhodorsil[®] THIXO Additive 22646** are **Rhodorsil[®] RTV1556, Rhodorsil[®] RTV1597, Rhodorsil[®] V-330 and Rhodorsil[®] V-340.**

Polycondensation: Rhodorsil[®] THIXO Additive 22646 should be added to the mixed A + B at levels of 2 – 3%, based on weight of A + B. The product has been designed to delay the thickening effect for ~ 10 minutes, allowing time for complete degassing of the product while still a flowable consistency. After ~ 10 minutes the product will retain some slump characteristics but is not flowable.

NOTE: For both product types, all the first layer to become tacky, such that a fingerprint is left in the silicone but is not pulled from the substrate prior to applying subsequent coats.

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Storage and shelf life

When stored in its original unopened packaging, at a temperature of 24°C (75°F), **Rhodorsil® THIXO Additive 22646** may be stored for 24 months from the date of manufacture. Beyond this date, Bluestar Silicones no longer guarantees that the product meets the sales specifications.

Safety

Please consult the Safety Data Sheet. Contact with eyes may cause transitory irritation, which usually disappears in a few hours. If eye contact occurs, flushing with water for at least 15 minutes will relieve discomfort. If irritation or discomfort persists, obtain medical attention. **Keep product away from children.** To obtain a material safety data sheet for this product contact Bluestar at 800-356-7560.

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Warning to the users

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