

# Bluesil™ THIXO ADD 22646

October 2017

## Additive for Silicone Elastomers

**Description** **Bluesil™ THIXO ADD 22646** is a unique liquid additive that can be used with some of the polyaddition and polycondensation cure moldmaking compounds. **Bluesil™ THIXO ADD 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

Property	Value
• Color	Clear
• Viscosity, cps (mPa's)	1,500
• Specific Gravity	1.04

*\*Please note: The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of Bluesil™ silicone materials. Please contact our Technical Service Department for assistance in writing specifications.*

### Instructions for use

Polyaddition: **Bluesil™ THIXO ADD 22646** can be added to 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 **Bluesil™ THIXO ADD 22646** are **Bluesil™ RTV 1556**, **Bluesil™ RTV 1597**, **Bluesil™ V 330** and **Bluesil™ V 340**.

Polycondensation: **Bluesil™ THIXO ADD 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.

**NOTES:** For both products, allow 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.

### Storage and shelf life

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

### Safety

Please consult the Safety Data Sheet of **Bluesil™ THIXO ADD 22646**.







## Bluesil™ THIXO ADD 22646

### Packaging

Bluesil™ THIXO ADD 22646 is available in a 227 gram container.

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