

BLUESIL™ THIXO ADD 22646

Additive for Silicone Elastomers

Distributed By
Freeman Manufacturing & Supply Co.
www.freemansupply.com 800-321-8511**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

<i>Property</i>	<i>Value</i>
• <i>Color</i>	Clear
• <i>Viscosity, cps (mPa's)</i>	1,500
• <i>Specific Gravity</i>	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 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, Bluestar Silicones no longer guarantees that the product meets the sales specifications.

Safety

Please read the container labels for **BLUESIL™ THIXO ADD 22646** or consult the Material Safety Data Sheet (MSDS) before handling for safe use, physical and health hazard information. The MSDS is not included with the product packaging, but can be obtained by contacting Bluestar Silicones at 866-474-6342 or consult your Bluestar Silicones representative.

Packaging

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

BLUESIL™ is a Trademark of *Bluestar Silicones*

BLUESIL™ THIXO ADD 22646

Distributed By
 Freeman Manufacturing & Supply Co.
 www.freemansupply.com 800-321-8511



 EUROPE	 NORTH AMERICA	 LATIN AMERICA	 ASIA PACIFIC
<p><i>Bluestar Silicones France</i> 21 Avenue Georges Pompidou F69486 Lyon Cedex 03 FRANCE Tel. (33) 4 72 13 19 00 Fax (33) 4 72 13 19 88</p>	<p><i>Bluestar Silicones USA</i> Two Tower Center Boulevard Suite 1601 East Brunswick, NJ 08816-1100 United States Tel. (1) 732 227 2060 Fax (1) 732 249 7000</p>	<p><i>Bluestar Silicones Brazil Ltda.</i> Av. Maria Coelho Aguiar, 215 Bloco G - 1º Andar 05804-902 - São Paulo - SP - Brazil Tel. (55) 11 3747 7887 Fax (55) 11 3741 7718</p>	<p><i>Bluestar Silicones Hong Kong Trading Co. Ltd.</i> 29th Floor, 88 Hing Fat Street Causeway Bay Hong Kong Tel. (852) 3106 8200 Fax (852) 2979 0241</p>

Warning to users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards to infringement of or prejudice to third party rights through the use of our products. **BLUESTAR SILICONES** warrants that its products comply with its sales specifications. This information must not be used as a substitute for necessary prior tests, which ensure that a product is suitable for a given use. Determination of the suitability of product for the uses and applications contemplated by user and others shall be the sole responsibility of user. Users are responsible for ensuring compliance with local legislation and for obtaining necessary certifications and authorizations. Users are requested to ensure that they are in possession of the latest version of this document; please contact **BLUESTAR SILICONES** for the latest version and any additional information.