



BLUESIL™ V- 04 BLU

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

Adhesion Promoting Primer

Description **BLUESIL™ V-04 BLU** primer is a dilute solution of a reactive silicone resin in naphtha used as an adhesion promoter with Bluestar Silicones moldmaking and tooling grade materials.

Applications

- Bonding silicone compounds to roll cores
- Bonding silicone compounds to electronic devices
- Bonding silicone compounds to mold boxes and chassis

Typical Properties

| As Supplied | Value |
|------------------------------------|---|
| • Chemical Type | Moisture reactive silicone resin in Naphtha |
| • Appearance | Clear or Blue liquid |
| • Consistency | Very Pourable |
| • Specific Gravity | 0.83 |
| • Viscosity, cps (mPa's) | 1 |
| • Flash Point, Tag Open Cup | 29°C (84°F) |

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

1. Thoroughly clean and degrease the substrate surface to be primed by solvent cleaning with a non-polar solvent.
2. Rinse all cleaning agents off the substrate surface with a polar solvent (i.e.: acetone or methyl ethyl ketone).
3. Bluestar Silicones primers may be applied by dipping, brushing, wiping, or spraying. In most cases a thin film of primer will provide the best adhesion. With **BLUESIL™ V-04** and **BLUESIL® V-06** primers, the correct thickness should result in a light chalk-like film. A pinkish tint will be seen with the red versions. An excessive chalky layer should be avoided. Use the color or chalky appearance as an indicator to roughly estimate the thickness of the primer coating. With **BLUESIL® V-09** primer, the applied film will cure to a smooth, resinous state; no chalking will occur. The coating should be free of all foreign matter such as lint, dust, or dirt. Unsized cheesecloth is recommended when wiping primer on a substrate.
4. Allow applied primer coating to cure by air drying for 60 to 90 minutes at room temperature, preferably at 50-60% relative humidity. If used in a low humidity environment, longer drying time will be required. The best method of determining drying time for a specific application is by experimentation.
5. Apply mixed sealant/compound and cure according to recommended cure schedules. Heat curing provides the best adhesion.

Storage and shelf life

BLUESIL™ V-04 BLU has a shelf life of twenty-four (24) months from date of manufacture. Beyond this date, Bluestar Silicones no longer guarantees that the product meets the sales specifications. Primers should be kept in a closed container to avoid pickup of moisture, or loss of solvent during storage.

DO NOT USE PRIMER IF IT IS CLOUDY, OR THERE IS PARTICULATE MATTER FLOATING IN, OR ON THE BOTTOM OF, THE CONTAINER.

Safety

Please read the container labels for **BLUESIL® V-04** 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™ V-04 BLU is available in 3 kg container.


BLUESIL™ is a Trademark of Rhodia

BLUESIL™ V- 04 BLU

November 2011

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



|  EUROPE |  NORTH AMERICA |  LATIN AMERICA |  ASIA PACIFIC |
|---|--|---|---|
| <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 | <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 | <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 | <i>Bluestar Silicones Hong Kong</i> Trading Co. Ltd. 29 th Floor, 88 Hing Fat Street Causeway Bay Hong Kong Tel. (852) 3106 8200 Fax (852) 2979 0241 |

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.