

BLUESIL V-06 CLEAR

Associated Product(s)

This datasheet gives details and instructions applicable to BLUESIL V-06 CLEAR.

Description

BLUESIL™ V-06 primer is a dilute solution of a reactive silicone resin in naphtha used as an adhesion promoter with Elkem Silicones aerospace and industrial grade materials.

Example of Applications

- Bonding abradable seals in jet aircraft engines
- Bonding industrial grade silicones to substrates
- Bonding vanes in jet aircraft engines

Technical Characteristics

AS SUPPLIED	
Chemical Type	Moisture reactive silicone resin in naphtha
Appearance	Clear or red liquid
Consistency	Very pourable
Specific Gravity	0.77
Viscosity, cps (mPa's)	1
Flash Point, Tag Open Cup	20.4°C (69°F)

Packaging

Product	Linked Packagings
BLUESIL V-06 CLEAR	- Box of 3.000 KG (6.61 LBS)

Shelf Life

Product	Shelf life from date of manufacturing
BLUESIL V-06 CLEAR	18 months

Instruction of 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. Elkem 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.

Sustainability

For Elkem, sustainability is central to our business strategy. Our mission is to provide advanced material solutions shaping a better and more sustainable future, adding value to our stakeholders globally. We are committed to reducing in embodied carbon emission. For further information, please visit our website or contact us to learn more about our sustainability roadmap.

Additional Information

Should you have any questions, please contact Elkem for more information.

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