CHO-BOND® 1087

Silicone Adhesive Primer

Parker Chomerics CHO-BOND 1087 Primer is a low viscosity, blue liquid formulated to provide adhesion between our CHO-THERM 1642 two component silicone based compound and non-silicone substrates such as metals, glass, plastic and ceramics.

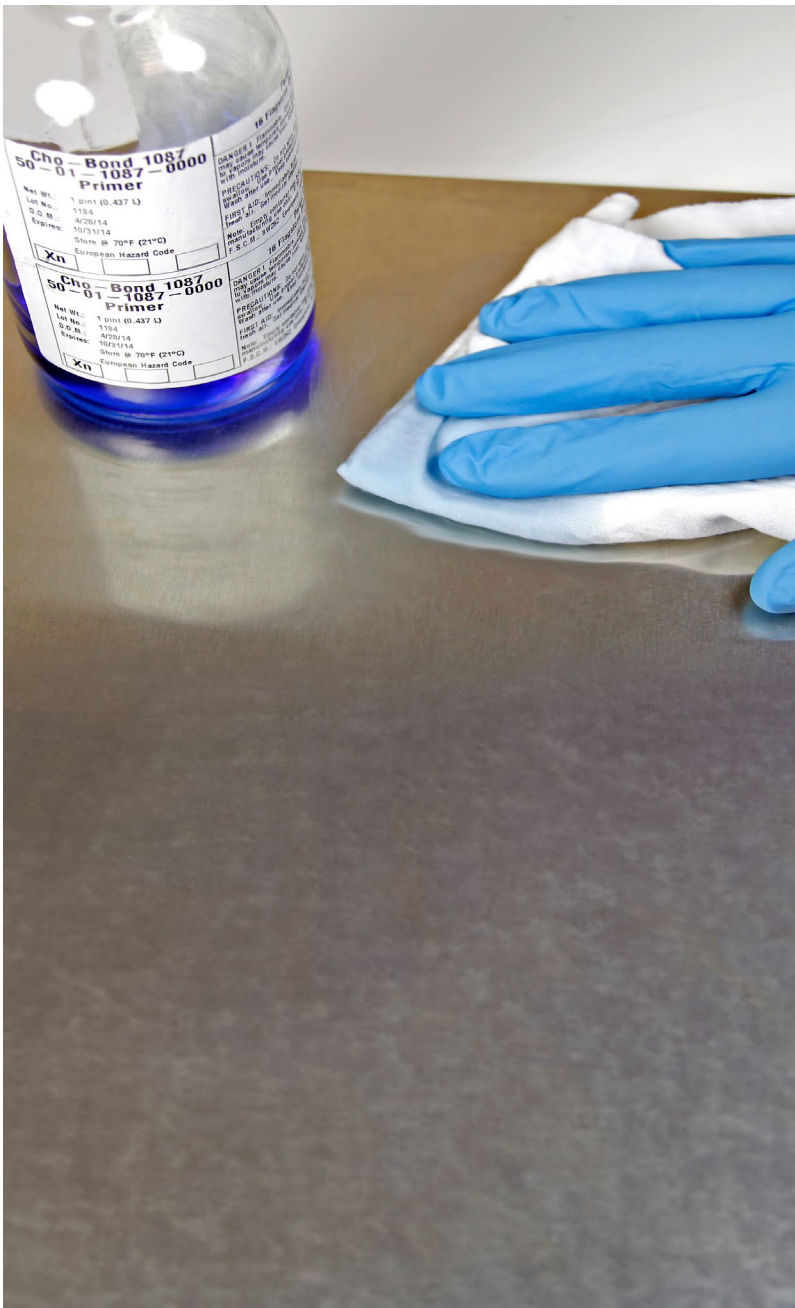
Surface Preparation:

All surfaces should be clean. A cloth or an industrial tissue saturated with naphtha or Methyl Ethyl Ketone (MEK) may be used to remove dirt, oil or grease from metal, glass or ceramic surfaces. For plastic surfaces, isopropyl alcohol is best to prevent solvent attack and crazing. The surfaces should be allowed to dry before applying the primer. Proper safety precautions must be observed when using solvents.

Procedure:

The primer is best applied to the non-silicone substrate by wiping a thin uniform coat with a clean soft rag, which has been dampened with the primer. A thin coat of approximately 0.5 mil provides a best adhesion. Allow the primer to dry for at least 30 minutes at room temperature prior to application of the silicone based material. A drying time of 1 hour is recommended. Maximum time before applying the silicone material is eight hours.

The primed surface should be covered to prevent dirt pickup or other contamination if left for an extended time. This primer requires sufficient humidity for proper drying. A minimum relative humidity of 40 % is recommended. Proper drying is indicated by the formation of a white haze over the entire primed surface.



Handling:

The Material Safety Data Sheet should be consulted before handling the primer. The MSDS sheet is available at www.chomerics.com. All solvents should be used with proper safety precautions.

Storage:

Store the primer at normal ambient conditions, preferably below 90 F. A slight white precipitate can form in storage after repeated opening which should not negatively impact the primer performance. If there is a white precipitate, decant the primer from the top of the container without shaking the container prior to use. A test of the adhesion is recommended prior to use.

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CHO-BOND® 1087 PRODUCT INFORMATION

Typical Properties	CHO-BOND 1087
Viscosity @ 25°C (77°F), centipoise	5
Color	Blue
Specific Gravity	0.81
Flash point, °C (°F) Pensky-Martin Closed Cup	37 (98.6)
Use Temperature, °C (°F)	-80 to 200 (-112 to 392)
Elevated Temperature Cure	None
Room Temperature Cure, at 40% Relative Humidity (RH)	0.5 hr
Working Life	NA
Shelf Life, unopened, from Date of Shipment	6 months
Minimum thickness recommended	0.0004 in (0.01016 mm)
Maximum thickness recommended	0.0008 in (0.02032 mm)
Volatile Organic Content (VOC)	765 g/l

CHO-BOND® 1087 ORDERING INFORMATION

Product	Weight (grams)	Packaging	Part Number
CHO-BOND 1087	383 typical	1 pint glass container	50-01-1087-0000

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Parker Hannifin Corporation
Chomerics Division
77 Dragon Court
Woburn, MA 01801
Phone 781 935 4850
Fax 781 933 4318
chomailbox@parker.com
parker.com/chomerics

CHODS1137 September 2024

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