

# CHO-BOND® 1087 Primer

## DESCRIPTION

CHO-BOND® 1087 Primer is a low viscosity, blue liquid formulated to provide adhesion between silicone based compounds and non-silicone substrates such as metals, glass, plastic and ceramics.

Physical Properties	
Color	Blue
Solvent	Mineral Spirits
% Solids	10
Specific Gravity	0.82
Flash Point	37 °C, Pensky-Martin Closed Cup
Dry time, min	30
Use Temp.	-80° to 200°C
Use Time	Use within 8 hours of application

## SURFACE PREPARATION

All surfaces should be clean. A cloth or an industrial tissue saturated with naphtha or 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 about 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 upon request. 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 clear primer from the top of the container without shaking the container prior to use. A test of the adhesion is recommended prior to use.