



March 23, 2022

Parker Hannifin Corporation
Chomerics Division
77 Dragon Court
Woburn, MA 01801 USA

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Re: CHO-BOND® 1086 Raw Material Change Notification

Dear Valued Customer,

Due to an on-going supply chain issue, Parker is no longer able to secure a reliable supply of a raw material required to manufacture CHOBOND 1086. To insure a continuing CHOBOND 1086 supply, Parker Chomerics has qualified a new CHOBOND 1086 primer with a substitute raw material. The new CHOBOND 1086 primer is chemically and functionally similar to the current CHOBOND 1086 and the application and cure of the CHOBOND 1086 primer remain unchanged.

The new CHOBOND 1086 has been characterized and qualified internally by Parker both mechanically and electrically (see attached qualification results), but ultimately it is up to each individual customer to qualify the CHOBOND 1086 primer with the substitute raw material in their own applications.

Parker will begin shipping the new CHOBOND 1086 primer with all of our moisture cure silicone material's kits next week, March 28, 2022, including:

CHO-BOND 1016	CHO-BOND 1038
CHO-BOND 1030	CHO-BOND 1075
CHO-BOND 1035	CHO-BOND 1121

The new CHOBOND 1086 primer will be identified by the lot #22CC6645. The new CHOBOND 1086 primer will also have a new safety data sheet (SDS) a copy of which has been sent along with this letter.

The above silicones and adhesives are still available for purchase without CHO-BOND 1086 primer. Specific part numbers are listed on page two of this document. Please contact your Parker Chomerics Inside Sales representative to update any outstanding orders accordingly.

If you have any questions regarding the CHO-BOND 1086 raw material change or any of the qualification testing performed by Parker Chomerics, please feel free to contact me by email at bflaherty@parker.com or by phone at 781-939-4282.

Sincerely,

Brian Flaherty
Specialty Materials Product Manager
Parker Hannifin Corporation
Chomerics Division
Bflaherty@parker.com

Product	Part number
CHO-BOND 1086 Primer	50-01-1086-0000 50-04-1086-0000 50-10-1086-0000
The below silicones and adhesives are still available for purchase without CHO-BOND 1086 primer.	
CHO-BOND 1016	50-01-1016-0000 50-02-1016-0000
CHO-BOND 1030	50-01-1030-0000 50-01-1030-0000-30 50-01-1030-0000-31 50-01-1030-0000-55 50-02-1030-0000 50-02-1030-0000-30 50-02-1030-0000-31 50-02-1030-0000-55 50-02-1030-0000-65
CHO-BOND 1038	50-01-1038-0000 50-01-1038-0000-55 50-02-1038-0000 50-02-1038-0000-55
CHO-BOND 1075	50-01-1075-0000 50-01-1075-0000-30 50-01-1075-0000-55 50-02-1075-0000 50-02-1075-0000-55
CHO-BOND 1077	50-02-1077-0000
CHO-BOND 1035	51-00-1035-0000 51-00-1035-0000-55 51-01-1035-0000 51-01-1035-0000-55
CHO-BOND 1121	50-01-1121-0000

CHO-BOND 1086 Qualification Data

Table 1. Lap Shear Strength of Parker's Moisture Cure Silicones on CHOBOND 1086 Primed Aluminum

CHO-BOND	Lap Shear (psi)	
	CHO-BOND 1086	New CHO-BOND 1086
1030	260	279
1035	294	295
1038	293	271
1075	268	270
1016	265	254
AVG	276	274

Data represents an average of four individual lap shear panels for each material. Silicone materials were allowed to cure for 7 days at room temperature before testing.

Table 2. Surface Resistivity of Aluminum Coupons Before and After Application of CHOBOND 1086 Primer

	Surface Resistivity	
	Before (mohms/sq)	After (mohms/sq)
CHO-BOND 1086	2.8	2.6
New CHO-BOND 1086	2.9	2.8

Data represents an average of fifteen aluminum coupon samples.