

Parker Hannifin Ltd
Engineered Materials Group
Chomerics Division Europe
Unit 6 Century Point
Halifax Road
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6 October 2022

Re: CHO-SHIELD® 2000 Series Re-Formulation Notification

Dear Valued Customer,

Due to unanticipated regulatory developments, a fluorosurfactant used to make CHO-SHIELD 2000 Series coatings has been abruptly discontinued by the manufacturer. This Force Majeure situation has forced Parker to re-formulate the following CHO-SHIELD 2000 series coatings:

CHO-SHIELD 2001
CHO-SHIELD 2002
CHO-SHIELD 2003

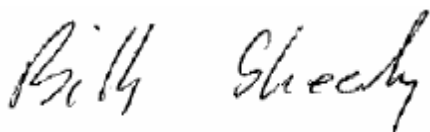
Parker is in the process of performing a full internal qualification of the re-formulated CHO-SHIELD 2001 and CHO-SHIELD 2002 coatings both from an application and performance perspective and thus far have found them to be equivalent to the current CHO-SHIELD 2001 and CHO-SHIELD 2002 coatings (see attached presentation for a summary of the CS 2001 and CS 2002 qualification data completed to date). A full test report for CHO-SHIELD 2000 Series coatings' re-formulation qualification will be sent to customers when completed in October 2022.

Based on our CHO-SHIELD 2000 series' backlog, Parker's current inventory of fluorosurfactant will be depleted by the end of October. All CHO-SHIELD 2000 series coatings' orders scheduled to ship after 31st October 2022 will be made with the re-formulated CHO-SHIELD 2000 series coatings. A summary of the CHO-SHIELD 2000 series part numbers affected by this change can be found in the attached Appendix. Please contact your Chomerics Inside Sales Representative if you have any questions regarding current CHO-SHIELD 2000 series orders.

Parker understands the challenge of re-qualifying a conductive coating like the CHO-SHIELD 2000 series coatings in such a short period of time and will work our customers' engineering teams to provide data and samples of the re-formulated CHO-SHIELD 2000 series coatings to help accelerate the qualification process.

If you have any questions regarding this CHO-SHIELD 2000 series re-formulation notification or would like to request samples of the re-formulated CHO-SHIELD 2000 series for qualification testing, please feel free to contact me by email at bsheedy@parker.com.

Yours Sincerely,

A handwritten signature in cursive script that reads "Billy Sheedy".

Billy Sheedy – Chomerics Division Europe

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Material	Part Number	Description
2001	52-00-2001-0000	0.5PT/250G CU URETH.
2001	52-00-2001-1000	0.5PT CU URETH., TOUCH-UP
2001	52-01-2001-0000	1PT/700G CU URETH.
2001	52-03-2001-0000	1GL/5512G KIT CU URETH.
2001	52-04-2001-0000	1QT/1378G KIT CU URETH.
2001	52-04-2001-0003	380G CU URETH. PART C ONLY
2002	52-00-2002-0000	0.5PT/250G CU URETH.
2002	52-00-2002-0000-30	0.5PT/250G CU URETH.SPECIAL
2002	52-00-2002-1000	0.5PT CU URETH., TOUCH-UP
2002	52-00-2002-1000-30	0.5PT CU URETH., TOUCH-UP SPECIAL
2002	52-01-2002-0000	1PT/700G CU URETH.
2002	52-01-2002-0000-30	1PT/700G CU URETH.W/SPL LABEL
2002	52-03-2002-0000	1GAL/5512G KIT CU URETH.
2002	52-03-2002-0000-30	1GAL/5512G KIT CU URETH. SPECIAL
2002	52-04-2002-0000	1QT/1378G KIT CU URETH.
2002	52-04-2002-0000-30	1QT/1378G KIT CU URETH SPECIAL
2003	52-00-2003-0000	250G KIT CU URETH. W/PRIMER
2003	52-00-2003-0000-S	250G KIT CU URETH. W/PRIMER
2003	52-00-2003-1000	0.5PT CU URETH. TOUCH-UP
2003	52-00-2003-1004-4	.5PT CU URETH. TOUCH-UP(4KITS)
2003	52-01-2003-0000	524G KIT PINT CU URETH, PRIMER
2003	52-01-2003-0000-S	524G KIT PINT CU URETH, PRIMER
2003	52-03-2003-0000	2800G KIT CU URETH. W/PRIMER
2003	52-04-2003-0000	700G KIT CU URETH. QT W/PRIMER
2003	52-04-2003-0000-S	700G KIT CU URETH. QT W/PRIMER
2003	52-11-2003-0000	524G KIT CU URETH. (NO PRIMER)
2003	52-44-2003-0000	700G KIT CU URETH. NO PRIMER