

**Product Environmental Quality Compliance Summary Table
Chomerics Americas Manufactured Products**

Product		Requirements									
		Regulatory					Industry Specifications				
		EU ROHS Compliant	EU PFOS Compliant	US MSDS, US Article MSDS, or Article Statement Available on Chomerics.com	EU REACH Compliant		IEC Halogen Free	JIG-A Compliant	JIG-B Compliant	Meets Chomerics Substance Requirements	ODC Free
EU SDS Available on Chomerics.com	When Used as an Article No Candidate List SVHC ≥0.1% When Used as a Preparation Substances meets Pre-Registration Requirements										
Family	Name										
Cho-Bond	320	x	x	x	x	x	x	x	x	x	
Cho-Bond	360	x	x	x		x	x	x		x	
Cho-Bond	584	x	x	x	x	x	x	x		x	
Cho-Bond	584-29	x	x	x	x	x	x	x		x	
Cho-Bond	592	x	x	x		x	x			x	
Cho-Bond	1016	x	x	x	x	x	x	x	x	x	
Cho-Bond	1024	x	x	x		x	x		x	x	
Cho-Bond	1027	x	x	x		x	x	x	x	x	
Cho-Bond	1029	x	x	x	x	x	x	x	x	x	
Cho-Bond	1030	x	x	x	x	x	x	x		x	
Cho-Bond	1035	x	x	x		x	x	x		x	
Cho-Bond	1038	x	x	x	x	x	x	x		x	
Cho-Bond	1053	x	x	x		x	x			x	
Cho-Bond	1055	x	x	x		x	x			x	
Cho-Bond	1056	x	x	x		x	x			x	
Cho-Bond	1067	x	x	x		x	x			x	
Cho-Bond	1069	x	x	x		x	x			x	
Cho-Bond	1072	x	x	x		x	x			x	
Cho-Bond	1073	x	x	x		x	x			x	
Cho-Bond	1075	x	x	x		x	x	x		x	
Cho-Bond	1076	x	x	x		x	x	x		x	
Cho-Bond	1086	x	x	x	x	x	x	x		x	
Cho-Bond	1091	x	x	x		x	x			x	
Cho-Bond	2165	x	x	x	x	x	x	x		x	
Cho-Foil	CCD	x	x			x	x	x		x	
Cho-Foil	CCJ	x	x	x		x	x	x		x	
Cho-Foil	CCK	x	x	x		x	x	x		x	
Cho-Foil	CFT	x	x	x		x	x	x		x	
Cho-Foil	CCH	x	x	x		x	x	x		x	
Cho-Foil	CMT	x	x	x		x	x	x		x	
Cho-Foil	CAD	x	x			x	x	x		x	
Cho-Form	5513	x	x	x		x	x	x		x	
Cho-Form	5515	x	x	x		x	x	x		x	
Cho-Form	5526	x	x	x		x	x	x		x	
Cho-Form	5528	x	x	x	x	x	x	x		x	
Cho-Form	5538	x	x	x		x	x	x		x	
Cho-Form	5541	x	x	x		x	x	x		x	
Cho-Form	5550	x	x	x		x	x	x		x	
Cho-Form	5560	x	x	x		x	x	x		x	
Cho-Form	5561	x	x	x		x	x	x		x	
Cho-Lube	4220	x	x	x		x	x	x		x	
Cho-Mask II	CMT-ST	x	x	x		x	x	x		x	
Cho-Mask II	CMT-HT	x	x	x		x	x	x		x	
Cho-Seal	Consil-C	x	x	x		x	x	x		x	
Cho-Seal	1212	x	x	x		x	x	x		x	
Cho-Seal	1215	x	x	x	x	x	x	x		x	
Cho-Seal	1217	x	x	x		x	x	x		x	
Cho-Seal	1224	x	x			x	x	x		x	
Cho-Seal	1250	x	x			x	x	x		x	

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Family	Name										
Cho-Seal	1260	x	x	x		x	x	x		x	x
Cho-Seal	1270	x	x	x		x	x	x		x	x
Cho-Seal	1273	x	x	x		x	x	x		x	x
Cho-Seal	1285	x	x	x		x	x	x		x	x
Cho-Seal	1287	x	x	x		x	x	x		x	x
Cho-Seal	1298	x	x	x		x	x	x	x	x	x
Cho-Seal	1310	x	x	x		x	x	x		x	x
Cho-Seal	1350	x	x	x		x	x	x		x	x
Cho-Seal	6313	x	x	x		x	x	x		x	x
Cho-Seal	6330	x	x	x		x	x	x		x	x
Cho-Seal	6370	x	x	x		x	x	x		x	x
Cho-Seal	6371	x	x	x		x	x	x		x	x
Cho-Seal	6501	x	x			x				x	x
Cho-Seal	6502	x	x	x		x	x	x		x	x
Cho-Seal	6503	x	x	x		x	x	x		x	x
Cho-Seal	6600	x	x			x				x	x
Cho-Seal	S6600S	x	x			x				x	x
Cho-Seal	S6304	x	x	x		x	x	x		x	x
Cho-Seal	S6305	x	x	x		x	x	x		x	x
Cho-Shield	596	x	x	x	x	x	x	x		x	x
Cho-Shield	610	x	x	x	x	x	x	x		x	x
Cho-Shield	2001	x	x	x	x	x	x			x	x
Cho-Shield	2002	x	x	x	x	x	x			x	x
Cho-Shield	2003	x	x	x	x	x	x			x	x
Cho-Shield	2052	x	x	x	x	x	x	x		x	x
Cho-Shield	2056	x	x	x	x	x	x	x		x	x
Cho-Shield	4914	x	x	x	x	x	x	x		x	x
Cho-Shrink	1061 & 1065	x	x	x		x	x			x	x
Cho-Sorb	83-10-XXXX-1000	x	x	x		x	x			x	x
Cho-Therm	1641	x	x	x	x	x	x	x		x	x
Cho-Therm	1642	x	x	x	x	x	x	x		x	x
Cho-Therm	1646	x	x			x	x	x		x	x
Cho-Therm	1671	x	x	x	x	x	x	x		x	x
Cho-Therm	1674	x	x	x		x	x	x		x	x
Cho-Therm	1678	x	x	x		x	x	x		x	x
Cho-Therm	1687	x	x	x		x	x	x		x	x
Cho-Therm	1680	x	x	x		x	x	x		x	x
Cho-Therm	1684	x	x	x		x	x	x		x	x
Cho-Therm	T441	x	x	x		x	x	x		x	x
Cho-Therm	T444	C	x			x	C	C		x	x
Cho-Therm	T500	x	x	x		x	x	x		x	x
Cho-Therm	T609	x	x	x		x	x	x		x	x
CIP	110	x	x			x	x	x		x	x
CIP	210	x	x			x	x	x		x	x
CIP	220	x	x			x	x	x		x	x
ConSil	A, C, V, N, E, NC	x	x	C		x	x	x		x	x
Elastomet Sheets	82-XXXXX	x	x			x	x	x		x	x
Elastofoam	88-XXXXX	x	x	C		x	x	x		x	x
Gap Filler	HCS10	x	x	x		x	x	x		x	x

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Family	Name										
Gel	30	x	x			x				x	x
Mesh Strip	01-0101-XXXX	x	x			x				x	x
Mesh Strip (Combo Strip)	01-02XX-XXXX										
	01-03XX-XXXX										
	01-06XX-XXXX	x	x			x				x	x
	01-07XX-XXXX										
Mesh Strip (Spring Mesh)	01-0199-XXXX	x	x			x				x	x
Mesh Strip (Elastomer Core)	01-04XX-XXXX	x	x			x				x	x
	01-05XX-XXXX										
Premier	PEI-140, A240, A230, & A220 -FRHF, HRHF, HTHF, HT	x	x	x		x	x	x		x	x
Primer	1085	x	x	x	x	x	x	x	x	x	x
Beryllium Copper Fingerstock Gasket	55-XXXXX and 56-XXXXX	x	x	x		x	x	x	x	x	x
Spring-Line Fingerstock	Unplated Beryllium Copper Fingerstock, with or without PSA	x	x	x		x	x	x	x	x	x
Spring-Line Platings	Clean & Bright 81-0X-XXXXX-2000 Zinc Plate & Clear Chromate Finish 81-0X-XXXXX-3000	x	x	x		x	x	x		x	x
	Bright Nickel 81-0X-XXXXX-4000										
	Bright Tin 81-0X-XXXXX-5000										
Spring-Line D-Connector	Unplated Stainless Steel Fingerstock	x	x	x		x	x	x	x	x	x
Soft-Shield	1000	x	x			x				x	x
Soft-Shield	2000	x	x			x				x	x
Soft-Shield	3500	x	x	x		x				x	x
Soft-Shield	4002	x	x			x	C	x	C	x	x
Soft-Shield	4800	x	x	x		x	C	x	C	x	x
Soft-Shield	5000	x	x	x		x	C	x	C	x	x
Soft-Shield	7000	x	x			x	C	x	C	x	x
Therm-A-Gap	T630	x	x	x	x	x	x	x	x	x	x
Therm-A-Gap	T630G	x	x	x		x	x	x	x	x	x
Therm-A-Form	T642	x	x	x	x	x	x	x	x	x	x
Therm-A-Form	T644	x	x	x	x	x	x	x	x	x	x
Therm-A-Form	T646	x	x	x	x	x	x	x	x	x	x
Therm-A-Form	T647	x	x	x	x	x	x	x	x	x	x
Thermal Grease	T650	x	x	x		x	x	x	x	x	x
Thermal Grease	T660	x	x	x		x	x	x	x	x	x
Thermal Grease	T670	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	570	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	575-NS	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	974	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	976	x	x			x	x	x	x	x	x
Therm-A-Gap Series	174	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	274	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	515RFA	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	574	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	579	x	x			x	x	x	x	x	x

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Family	Name										
Therm-A-Gap Series	580	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	569	x	x	x		x	x	x	x	x	x
Therm-A-Gap Series	T290	x	x			x	x	x	x	x	x
Therm-A-Gap Series	T310	x	x			x	x	x	x	x	x
Therm-A-Gap Series	T635	x	x		x	x	x	x	x	x	x
Therm-A-Gap Series	T636	x	x		x	x	x	x	x	x	x
Thermattach	T404	x	x	x		x	x	x	x	x	x
Thermattach	T405	x	x	x		x	x	x	x	x	x
Thermattach	T410	x	x	x		x	x	x	x	x	x
Thermattach	T411	x	x	x		x	x	x	x	x	x
Thermattach	T412	x	x	x		x	x	x	x	x	x
Thermattach	T414	x	x	x		x	x	x	x	x	x
Thermattach	T418	x	x	x		x	x	x	x	x	x
Thermflow	T710	x	x	x		x	x	x	x	x	x
Thermflow	T725	x	x	x		x	x	x	x	x	x
Thermflow	T557	x	x	x		x	x	x	x	x	x
Thermflow	T558	x	x	x		x	x	x	x	x	x
Thermflow	T766	x	x	x		x	x	x	x	x	x
Thermflow	T777	x	x	x		x	x	x	x	x	x
T-Wings	T-Wings	x	x	x		x	C	x	x	x	x
Thermal Gel	XTS 8010	x	x	x		x	x	x	x	x	x
Thermal Gel	XTS 8030	x	x	x		x	x	x	x	x	x
		x - Material meets given requirement or industry standard.									
		Blank - Send request to Lauren Tierney at lauren.tierney@parker.com									
		C- Call Sales Representative for further information.									

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Definitions											
		EU ROHS Compliant - Homogeneous Materials contain \leq 1,000 ppm Lead, Mercury, Hexavalent Chromium, PBB, PBDE and $<$ 100 ppm Cadmium.									
		EU PFOS Compliant - Product complies with EU limits on PerFluoroOctaneSulfonates.									
		EU REACH									
		<p>Articles - Products with a specific shape, surface or design which determines their function more than their chemical composition. REACH requires Chomerics to inform requestors of Candidate List Substances of Very High Concern (SVHC) \geq 1% by total weight in Articles.</p> <p>Preparations - Uncured mixtures of Substances, or mixtures of Substances not in final shape or form. Parker contracted with Caleb Management Services Ltd (Caleb) to act as Only Representative (OR) for Parker's obligations under Title II of the EU REACH Regulation [ref 1] and Article 8 paragraphs 1, 2 and 3 of REACH for Substances contained in Chomerics Preparations that are manufactured outside, then imported into the EU. According to Article 8, Paragraph 3, Importers into the EU of Chomerics Preparations are Downstream Users (DUs). In cases where Chomerics is the DU of Substances in Chomerics Preparations, Pre-registration and Registration cover is provided by the applicable upstream supplier's OR as allowed by REACH.</p>									
		IEC Halogen Free International Electrochemical Commission Halogen Free Specification 61249-2-21- The product contains \leq 900 ppm Chlorine, \leq 900 ppm Bromine, \leq 1,500 Combined									
		<p>JIG-A Compliant</p> <ul style="list-style-type: none"> Asbestos Not intentionally added Azo colorants Not intentionally added Cadmium/Cadmium Compounds \leq 75 ppm RoHS Compliant Ozone Depleting Substances - Class I - Not intentionally added Class II - \leq1000ppm Polychlorinated Biphenyls (PCBs) \leq1000 ppm, Not intentionally added Polychlorinated Naphthalenes (>3 Chlorine atoms) \leq1000 ppm, Not intentionally added Radioactive Substances \leq1000 ppm, Not intentionally added Shortchain Chlorinated Paraffins \leq1000 ppm, Not intentionally added Tributyl Tin (TBT) and Triphenyl Tin (TPT) \leq1000 ppm, Not intentionally added Tributyl Tin Oxide (TBTO) \leq1000 ppm, Not intentionally added 									
		JIG-B Compliant - All the following \leq 1,000 ppm - Antimony, Arsenic, Beryllium/Beryllium Compounds, Bismuth/Bismuth Compounds, Brominated Flame Retardants (other than PBBs or PBDEs), Nickel (External Applications Only), Phthalates (DEHP CAS# 117-81-7 and DBP CAS# 84-74-2 and 11782-8) , Selenium/Selenium Compounds, PVC									

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Limitations to Representation											
<p><u>EU ROHS Compliance</u></p> <p>As a representative of Chomerics Division of Parker Hannifin, I state to the best of my knowledge the product(s) listed above comply with the maximum allowable ROHS concentrations referenced in this chart, unless otherwise noted.</p> <p>Although not included in the EU RoHS Directive, maximum limits for these substances are being defined by the EU Technical Adaptation Committee (TAC). For purposes of this RoHS report, a maximum concentration value up to 1000 ppm by weight in homogeneous materials for lead, mercury, hexavalent chromium, PBB and PBDE and up to 100 ppm by weight in homogeneous materials for cadmium will be considered compliant with the RoHS Directive and permitted in the manufacture of new EEE.</p>											
<p><u>Compliance with Regulatory Requirements/Customer Requirements/Industry Standards other than EU ROHS referenced in this table</u></p> <p>Chomerics representation is based on Material Safety Data Sheets (“MSDS”) provided by Chomerics suppliers pursuant to requirements established by the United States Department of Labor’s Occupational Safety and Health Administration (“OSHA”), and additional information provided by Chomerics suppliers. Chomerics representation does not include disclosure of Substances that may occur in trace amounts. Chomerics does not test for Substances. Chomerics does not certify to concentrations lower than <0.1% by total weight in Articles. However, to the best of our knowledge, Chomerics’ suppliers do not use 1/13/2010 Candidate List SVHCs in the materials they supply to Chomerics.</p> <p>Chomerics’ representation does not include disclosure of “impurities” (chemical substances that are unintentionally present, and are not present for the purpose of imparting or changing the characteristics of a material or product). Chomerics does not analyze our raw materials for the 1/13/2010 Candidate List SVHC, nor do we require our Suppliers to do so. Since conditions of use are outside of Chomerics control, Chomerics makes no warranties, express or implied, and assumes no liability related to any use of this information.</p>											
<p>Name/Title: <i>Shaune Deary</i> EH&S Manager - Chomerics Americas</p> <p>Date: 2-4-2010</p>											