

CERTIFICATE OF COMPLIANCE

DATE: August 25, 2025
SUBJECT: REGULATORY COMPLIANCE FOR VALUE PLASTICS PRODUCTS
PART AFFECTED: ALL VALUE PLASTICS PRODUCTS WITH SUFFIX OF -10; or PREFIX OF 10AC, 20AC, 30AC, 40AC, 50AC, 100AC
MATERIAL TYPE: Delrin 500P Acetal Resin
SUPPLIER: DuPont <http://www2.dupont.com/home/en-us/index.html>

Dear Valued Customer,

Thank you for your interest in Nordson MEDICAL's Value Plastics line of products. As part of our continuous improvement initiatives, and to provide the most timely and effective responses possible, we have created this comprehensive list of the most up to date regulatory compliance information available at <https://fluid-components.nordsonmedical.com/Resources/Resource-Library/>. The information contained herein generally fulfills the bulk of our customers' regulatory requirements, however if there is additional information required that is not provided here, please submit your request to LOV_QA-RA@nordsonmedical.com.

Please be informed that Nordson MEDICAL relies on information provided by our suppliers and vendors, whose materials make up the sole content of our products as there are no processing agents or mold releases used in the manufacture of our products. Nordson MEDICAL does not test or analyze these materials for ANY specified regulatory requirements; the information provided by the resin manufacturers has simply been compiled in a readily retrievable format as a service to our customers. Ultimately customers and end-users must make their own determinations ensuring the use of these products is safe, lawful, and suitable for their intended applications. Because of possible changes in the law and/or in regulations, we encourage our customers to periodically verify the status of the regulatory compliance. These compliance letters are typically updated annually, upon receiving new regulatory information, or as deemed necessary.

Regards,



Brian Benton
Quality Manager

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USE OF THIS REGULATORY INFORMATION

The information provided as requested is intended to be used for informational purposes only. Nordson MEDICAL relies on information provided by their suppliers or vendors. Nordson MEDICAL makes no representation or warranty as to the completeness or accuracy of the information contained herein. It is intended for use by persons having technical skill, at their own discretion and risk, who will make their own determination as to its suitability for their purposes prior to use. As with any material, evaluation of compounds under end-use conditions prior to specification is essential. Ultimately, customers must make their own determination that use of this product is safe, lawful, and technically suitable for their intended applications.

ITEM	REGULATORY REQUIREMENTS	COMPLIANT				COMMENTS
		Y	N	N/A	See Comment	
1	Allergens (Global Food)	Y				The manufacturer does not intentionally use allergens in the formulation of this product.
2	Corn / Plant / Vegetable	Y				The supplier of this material has not indicated if this product was manufactured using raw material or of corn/plant/vegetable origin.
3	ELV Directive 2000/53/EC (Heavy Metal)	Y				Not intentionally added in the manufacturing of or formulation. Due to the absence of use of these substances, we do not test for them.
4	21 CFR 177.2510, 177.2600, 177.1520, 21 CFR 178.3297, 21 CFR 176.170, 21 CFR 177.1500, 21 CFR 177.1580, 21 CFR 177.1520(a)(3)(a) and (c) 3.1a, 21 CFR 177.1550, 21 CFR 177.2470, 21 CFR 177.2480, 21 CFR 177.2600, 21 CFR 177.2600 (Food Contact)	Y				21 CFR 177.2480 (food contact): This material has been evaluated and meets compliance for food-contact use provided that the products comply with the extraction limitations in accordance with the regulation.

5	3-A Sanitary Standards			N/A		This material has not been tested against these standards to our knowledge.
6	AD-DSL (the Aerospace & Defense Declarable)				See Comment	AS far as our knowledge this product is Not listed/Not regulated. Although Nordson does not monitor this list closely, Nordson Medical is focused on Medical Compliance especially to the ISO 13485 Standards. The customer is responsible for verifying this information for themselves.
7	Animal Derived Materials				See Comment	Acetal resin typically contains minor quantity of a component that is derived from animal sources. Our Supplier has confirmed that this raw material is purchased from US suppliers only. Our supplier noted that approximately 80% of the supply used in making the component is a specified risk material (SRM) Free. Additionally, the raw material is subjected to rigorous processes of hydrolysis and distillation as well as hydrogenation for some of the products. The operating temperatures are over 450 degrees F which exceeds the processing condition criteria guidelines recommended to prevent transmission of BSE by the EU scientific Steering Committee and other regulatory bodies.
8	Aromatic Amines	Y				Not intentionally added in the manufacturing of or formulation of the listed molding compound grades. Due to the absence of use of these substances, we do not test for them.
9	ASTM D3222			N/A		Our Supplier has not indicated if this material meets these standards.
10	ASTM F963 Standard Consumer Safety for Toy Safety			N/A		Our Supplier has not indicated if this material meets these standards.

11	Biocides	Y				Not intentionally added in the manufacturing of or formulation of the listed molding compound grades. Due to the absence of use of these substances, we do not test for them.
12	Biocompatibility			N/A		This material has not been tested against USP Class VI or ISO 10993 standards to our knowledge.
13	Bioterrorism Act of 2002			N/A		The facility manufacturing this product is not required to register with the Bioterrorism Act of 2002 because it is not a food facility.
14	BISPHENOL A (BPA)	Y				Not used in the formulation or manufacture of this material.
15	BSE/TSE	Y				Relative to the use of additives of animal origin in polymer products, acetal resin typically contains a minor quantity of a component that is derived from animal sources. As of June 2003, Dupont's raw material supplier of that component has provided assurance that it is derived from raw material purchased from US suppliers only. It should be noted that approximately 80% of the supply used in making the component is specified risk material (SRM) free. Additionally, the raw material is subjected to rigorous processes of hydrolysis and distillation as well as hydrogenation for some of the products. The operating temperatures are over 450F which exceeds the processing condition criteria guidelines recommended to prevent transmission of BSE by the EU Scientific Steering Committee and other regulatory bodies.
16	California Prop 65				See Comment	This product contains chemical(s) known to the State of California to be carcinogenic: Formaldehyde & Methyl alcohol.

17	Canadian WHMIS INGREDIENT DISCLOSURE LIST, Canadian Domestic Substance List (DSL), AND OTHER APPLICABLE REGULATIONS	Y				Not intentionally manufactured or formulated with restricted substances.
18	Chemicals of High Concern to Children (CHCC) Maine, Vermont, Washington				See Comment	Formaldehyde (up to 80 ppm) CAS No. 50-00-0
19	China RoHS	Y				Based on a review of the final product composition, there are no listed substances known to be present above the reporting threshold.
20	Clean Air Act, 40 CFR	Y				To the best of our knowledge this product is not intentionally manufactured or formulated with Class I or II substances as defined under 40 CFR part 82 of the Clean Air Act of 1993, as amended (58 FR 8136).
21	Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ):	Y				The components in this product are either not CERCLA regulated, regulated but present in negligible concentrations, or regulated with no assigned reportable quantity.
22	CONEG	Y				Not intentionally added in the manufacturing of or formulation. Due to the absence of use of these substances, we do not test for them.
23	Conflict Minerals	Y				Not intentionally added in the manufacturing of or formulation. Due to the absence of use of these substances, we do not test for them.
24	Consumer Product Safety Improvement Act of 2008 (CPSIA)	Y				To the best of our knowledge This product is not manufactured or formulated with lead, di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), or benzyl butyl phthalate (BBP). Our supplier has indicated that it does not contain these materials above the limits set in the Consumer Product Safety Improvement Act of 2008, Title 1, Sections 101 and 108.

25	Drug Master File			N/A		To the best of our knowledge this material is not listed.
26	Endotoxins				See Comment	<p>Please be aware that Value Plastics does not perform endotoxin or bioburden testing on our components. The vast majority of our components are catalog products, and may be used in many applications, therefore we do not test or analyze our materials for any specified regulatory requirements. Ultimately, we leave it to the end-user to make their own determination that our products are safe and suited for their intended applications. However, our processes are highly automated with minimal operator contact, and our production processes don't involve water, so we believe endotoxin levels on our parts to be low.</p>
27	EU 200/53/EC & 2002/525/EC -END-OF-Life Vehicles Regulation			N/A		Our Supplier has not indicated if this material meets these standards.
28	EU Commission Decision 2009/251/EC – Dimethyl fumarate				See Comment	To the best of our knowledge: This product does not use the biocide Dimethyl fumarate in its formulation or manufacture.
29	EU Directive 2002/16/EC			N/A		Our Supplier has not indicated if this material meets these standards.
30	EU Directive 2003/11/EC			N/A		Our Supplier has not indicated if this material meets these standards.
31	EU Directive 76/769 EEC and Regulation EC 1907/2006 - Hexabromocyclododecane (HBCDD) and Hexachlorobenzene (HCB)			N/A		Our Supplier has not indicated if this material meets these standards.
32	EU Directive 90/128 and subsequent amendments			N/A		Our Supplier has not indicated if this material meets these standards.
						To the best of our knowledge, the final product composition, substances listed in the EU Regulation 2017/745 on medical devices, Chapter II, Section 10.4.1, regarding the absence of substances above 0.1% which

33	EU MDR			N/A	are (a) carcinogenic, mutagenic, or toxic to reproduction (“CMR”) of category 1A or 1B, and (b) substances having endocrine-disrupting properties for which there is scientific evidence of probable serious effects to human health, are not known to be present above the declaration threshold.
34	EU-Food Contact (EC) No 1935/2004	Y			When produced under adequate processing conditions the material can be used in the countries of the EU for food contact materials according to article 3 of listed regulation. The composition of this material complies with the requirements of the regulation (EU)N 10/2011 under the condition that the finished article meets the following migration limits: OML - 10 mg/dm ² or 60 mg/kg (Article 12); SML – formaldehyde (FMC: 98, CAS: 50-00-2), SML = 15 mg/kg. Additional proprietary substances with SMLs imposed by the EU.
35	EU-Pharmacopeia (7th Edition)			N/A	Our Supplier has not indicated if this material meets these standards.
36	European Directive (94/62/EC) (Article 11), (2004/12/EC), and its amendments Packaging and Packaging Waste			N/A	Our Supplier has not indicated if this material meets these standards.
37	European Regulation (EC) No. 1895/2005 (BADGE, BFDGE, NOGE)			N/A	Our Supplier has not indicated if this material meets these standards.
38	Formaldehyde		N		This Resin contains: Formaldehyde (up to 80 ppm) CAS No. 50-00-0
39	Genetically Modified Organism Free			See Comment	This product may utilize a component partially produced from plant material of unknown genetic origin in its formulation.
40	GHS	Y			This mixture is not classified according to US-GHS.
41	Gluten-Free			See Comment	This product may utilize a component partially produced from plant material of unknown genetic origin in its formulation.

42	ILFI – Red List Chemicals the International Living Future Institute	Y				This product is not known to contain substance(s) identified as ILFI Red List Chemicals above the reporting threshold.
43	In Vitro Hemocompatibility Assay (ISO)			N/A		This material has not been tested against these standards to our knowledge.
44	International Inventories	Y				AS far as our knowledge this product is Not listed/Not regulated.
45	ISO 10993-1			N/A		This material has not been tested against these standards to our knowledge.
46	ISO 10993-10			N/A		This material has not been tested against these standards to our knowledge.
47	ISO 10993-11			N/A		This material has not been tested against these standards to our knowledge.
48	ISO 10993-12			N/A		This material has not been tested against these standards to our knowledge.
49	ISO 10993-18, EXTRACTABLES TESTING			N/A		This material has not been tested against these standards to our knowledge.
50	ISO 10993-2			N/A		This material has not been tested against these standards to our knowledge.
51	ISO 10993-3			N/A		This material has not been tested against these standards to our knowledge.
52	ISO 10993-4			N/A		This material has not been tested against these standards to our knowledge.
53	ISO 10993-5			N/A		This material has not been tested against these standards to our knowledge.
54	ISO 10993-6			N/A		This material has not been tested against these standards to our knowledge.
55	Kosher		N			Supplier does not certify this resin to be Kosher or in compliance with Kosher requirements.
56	Lactose	Y				Not intentionally added during the manufacture or formulation of this product.
57	Latex	Y				Not used in the formulation or manufacture of this material.
58	MA Right to Know Extraordinarily Hazardous Substance List	Y				To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

59	Melamine	Y				Not intentionally used in the manufacture or formulation of this product.
60	Natural Rubber	Y				Not used in the manufacture or formulation of this product.
61	Nitrosamines	Y				Not intentionally added during the manufacture or formulation of this product.
62	NJ Right to Know Regulated Chemicals	Y				To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.
63	Nonaparticles	Y				To the best of our knowledge, the above-mentioned products are not intentionally manufactured or formulated with this compound or substance.
64	NSF 61				See Comment	See https://www.nsf.org/certified-products-systems for reference.
65	NSF-14				See Comment	See https://www.nsf.org/certified-products-systems for reference.
66	NSF-51				See Comment	See https://www.nsf.org/certified-products-systems for reference.

67	Other Substance/compounds				<p>The following Material and compounds are Not intentionally used or added in the formulation or manufacture of this product, but due to the nature of these items we do not test for them:</p> <p>Aflatoxins, Alkylphenols /alkylphenols ethoxylate, Arsenic, Asbestos, Azodyes, Azoxy compounds, Benzotriazole, Beryllium, Beta hydroxy acids (BHA), Butylated hydroxytoluene 9BHT), Bisphenol A (BPS), Brominated compounds, Chlorofluorocarbons, Chlorinated naphthalene, Chlorinated paraffins, Creosote, Copper, Decabromodiphenyl ether (Deca-BDE), Dimethyl Fumarate (DMF), Dioxins, Halogenated Compounds, Hexabomocyclododecane, Iridium, Iron, Isocyanate, Jatropa, Lead, lindane, Melamine, Mercury, Mold Release, Molybdenum, Nickel, Nitrosamines, Nonylphenol- Nonylphenol ethoxylates, Octabromodiphenyl ethers, Organotin compounds, osmium, palladium, parabens, PCB, PCP, Pentabromodiphenyl ethers, Pentachlorophenol, Perchlorate, Platinum, Polycyclic Aromatic Hydrocarbons (PAH), Polybrominated biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDEs), Polychlorinated biphenyls, Polychlorinated dibenzo- pdioxins/ Polychlorinated dibenzofurans, Polychlorinated Naphthalene (PCN), Polychlorinated Terphenyls (PCT), Polyvinyl Chloride, Polyurethane, Radioactive substances, Red Phosphorus, Rhodium, Rnase, Ruthenium, Silicone oils, TALC, Tin organic compounds, TNPP, toluene, triclosan, tri (2 4-di-tert-butylphenyl) phosphite, Vanadium, Vinyl Chloride, Vinylidene chloride, Xylene, Zinc.</p>
				See Comment	

68	Ozone Depleting Substances	Y				To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.
69	PA Right to Know Regulated Chemicals	Y				To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.
70	Persistent Organic Pollutants (POP)	Y				Based on available information this product does not contain any substances listed in Annex 1 of Regulation (EU) 2019/1021 (issued October 31,2024), as amended by Regulation (EU) 2023/1608, substances identified at the Stockholm Convention does not contain in the formulation and are not intentionally added during the manufacturing of the listed molding compound. Due to the absence of use of these substances, we do not evaluate for them.
71	PFAS (Per and Polyfluoroalkyl substances)	Y				Not intentionally added in the manufacturing of or formulation of the listed molding compound grades. Due to the absence of use of these substances, we do not test for them.
72	PFCA (Perfluoroalkyl carboxylic acid)	Y				Not intentionally added in the manufacturing of or formulation of the listed molding compound grades. Due to the absence of use of these substances, we do not test for them.
73	PFOA (Perfluorooctanoic acid)	Y				Not used in the formulation or manufacture of this material.
74	PFOS (Perfluorooctane sulfonate)	Y				Not used in the formulation or manufacture of this material.

75	Phthalates: Dibutyl phthalate Diocetyl phthalate (DEHP) Di-iso nonyl phthalate Dimethyl phthalate DMP CAS# 131-11-3 Diethyl phthalate DEP CAS# 84-66-2 Diallyl phthalate DAP CAS# 131-17-9 Di-n-propyl phthalate DPP CAS# 131-16-8 Di-n-butyl phthalate DBP CAS# 84-74-2 Diisobutyl phthalate DIBP CAS# 84-69-5 Butyl cyclohexyl phthalate BCP CAS# 84-64-0 1,2-bis(2-methoxyethyl) ester DMEP CAS# 117-82-8 [bis(2- methoxyethyl) phthalate] Di-n-pentyl phthalate DNPP CAS# 131-18-0 1,2-Benzenedicarboxylic acid, dipentyl ester branched and linear CAS# 84779-61-3 Dicyclohexyl phthalate DCP CAS# 84-61-7 Butyl benzyl phthalate BBP CAS# 85-68-7 Di-n-hexyl phthalate DnHP CAS# 84-75-3	Y				Not used in the formulation or manufacture of this material.
76	REACH	Y				<p>The supplier of this raw material confirms that substances defined by Article 57 in regulation (EC) No. 1907/2006 (REACH) and published on the most current candidate list according to Annex XIV at the ECHA website, SVHC issued June 25, 2025 (cumulative), or chemical substances restricted for specific applications listed in Annex XVII or chemicals listed in the substance of very high concern identification list are neither used as raw materials nor as auxiliary materials in the manufacturing process of this product.</p>

77	RoHS / RoHS 2 / RoHS 3	Y				This product conforms to the RoHS Directive 2011/65/EU & 2015/863-EU and/or amendments restricting the use of Heavy Metals, PBB's, PBDE's, and phthalates. Any trace amounts of these substances would not be expected to be above the regulated thresholds.
78	SARA (311,312) Hazard Class	Y				Non-hazardous under Section 311/312.
79	SARA 313 Regulated Chemicals	Y				As far as our knowledge this product is not listed/not regulated.
80	SARA Title III – Section 302 Extremely Hazardous Chemicals:	Y				AS far as our knowledge this product is not listed/not regulated.
81	Transport Classification	Y				Not regulated as hazardous for shipment.
82	TSCA	Y				This product complies with the U.S. Toxic Substances Control Act (TSCA).
83	Unactivated Partial Thromboplastin Time Assay (ISO)			N/A		This material has not been tested against these standards to our knowledge.
84	US Pharmacopeia Class VI			N/A		This material has not been tested against these standards to our knowledge.
85	USDA			N/A		This material has not been tested against these standards to our knowledge.
86	USP 85 (Endotoxin)			N/A		This material has not been tested against these standards to our knowledge.
87	USP 87 (L929 MEM Elution)			N/A		This material has not been tested against these standards to our knowledge.
88	USP 88			N/A		This material has not been tested against these standards to our knowledge.
89	USP 381 (Elastomeric Closures for injection)			N/A		This material has not been tested against these standards to our knowledge.
90	USP 643 (Total Organic Carbon)			N/A		This material has not been tested against these standards to our knowledge.
91	USP 661			N/A		This material has not been tested against these standards to our knowledge.
92	USP 665 (Single-use systems (SUS) & the			N/A		This material has not been tested against these standards to our knowledge.

	risk associated with extractable & leachables (E&L)					
93	USP 851 (Static Sorption Study of Phenol)			N/A		This material has not been tested against these standards to our knowledge.
94	Volatile Organic Compounds (VOCs)	Y				Not used in the manufacture or formulation of this product.
95	WEEE	Y				The WEEE Directive 2012/19/EU regulates disposal and recycling of electrical and electronic waste. Compliance with the restrictions of this directive can only be confirmed by the producer of the final product. However, for the above-mentioned products the supplier confirms that they do not contain any substances listed in Annex II of this directive (2002/96/EC) as an intentional ingredient.