

LIST OF CODE OF FEDERAL REGULATION (CFR21) COMPLIANT COATINGS.

Many of the POETON APTICOTE range of coatings are sold with the understanding that these coatings will come or could come into direct or close contact with food, beverage or pharmaceutical / medical products.

For the past number of years, the USDA is no longer approving coatings as they had done in the past and the FDA does not certify coatings as being in compliance with CODE OF FEDERAL REGULATION (CFR21).* Because of this, the FDA/USDA allows the use of components listed in several regulations to be used in combination to achieve a final product. The allowable amounts are guided by good manufacturing practice and limited to... "An amount not to exceed that reasonably required to accomplish the intended physical or technical effect".

In order to satisfy our customers that the contact surfaces of these coatings are likely to be compliant with the relevant standards, we liaise with the supplier of our process material to ensure the suitability of such coating.

The use of these coatings is guided by the following:

- 1) Substances generally recognized as safe in or on food.
- 2) Substances used in accordance with a prior sanction or approval.
- 3) Substances permitted for use by regulations in the CODE OF FEDERAL REGULATIONS (CFR21).*

*CFR21 subsection 175.300 of section 175, "Indirect Food Additives: Adhesives and components of coatings" and Subsection 177.1550, "Perfluorocarbon resins:

As you can appreciate, the coatings and materials used are propriety and can not be disclosed.

Definition

There are two distinct definitions for food approved coatings.

Firstly

FDA / USDA Approvals, which we receive from our Licensor; in this case letters exist from establishments confirming the food contact status. Where we have used a UK supplier for polymer materials, we have information from them confirming its approval for food contact use.

Secondly

Where we have developed and marketed our own polymer coatings in conjunction with different substrate coatings we define the food contact surface (i.e. the polymer) as being the surface in need of approval. In these circumstances we have information from the material supplier to this effect.

General

Notwithstanding the above, we supply coatings in good faith. However our information is for guidance only. Whilst every effort is made to understand the environment in which a coating is designed to work, trials and in-service testing must be undertaken to verify performance by the customer.

See overleaf for Coating Cross Reference Matrix.

'Apticote 350 / 460 coatings are the Poeton tm names for the Tuftram / Nedox processes which we licence from General Magnaplate in the USA. Please ensure you reference the appropriate Apticote name as part of your Purchase Order process instruction'



Nadcap Accreditation is held by Poeton Industries Ltd with Poeton (Gloucester) Ltd Accredited for Plasma Spray (Coatings) and Chemical Processing and Poeton (Cardiff) Ltd Accredited for Chemical Processing and NDT.

Coating Cross Reference Matrix

Apticote 300 / 350 Series Hard Anodising / Polymer	CFR21
300N	Yes
300M	Yes
300W	Yes
350F	Yes
350R	Yes
370G	Yes
356	Yes

Apticote 200 Series Polymer	Apticote 460 Series Nickel / Polymer	CFR21
200C	460C	Yes
200E	460G	Yes
200G	460M	Yes
200N	470E	Yes

Apticote 800 Series Plasma / Polymer	CFR21
810TP	Yes
810MN	Yes

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