



One Mineral, A World Of Applications

Plastic Materials and Articles to Come in Contact With Foodstuffs

United States per FDA 21 CFR – Inclusion of wollastonite since natural calcium silicate is referenced

As a pigment or colorant

175.300 In resinous and polymeric coatings used as the food contact surface on articles intended for use in manufacturing, packing, processing, preparing, treating, packaging, transporting or holding food.

176.170 In paper and paperboard materials in contact with aqueous or fatty foods

As a mineral filler

175.105 In adhesives used as the food contact surface on articles intended for use in packaging, transporting or holding food.

177.2260 In resin bonded filters

177.2355 In mineral reinforced nylon (nylon 66) resins up to 40% and up to 0.5% 3-aminopropyltriethoxysilane (NYCO treatment #1001).

As a anti-caking agent

169.179 In vanilla powder

172.410 In all foods, up to 2% and up to 5% in baking powder

182.2227 In salt, up to 2% and in baking powder, up to 5%

582.2227 Calcium silicate is a substance generally recognized as safe for use in animal feeds, up to 2%

EU Commission Directive 2002/72/EC – Materials accepted for use in plastics or others materials that could come into contact with foodstuffs

85600	Silicates, natural silanated (with the exception of asbestos)
95905	Wollastonite
85601	Silicate, natural (with the exception of asbestos)

Germany – BfR Bundesintitut für Risikobewertung

- Calcium silicate (wollastonite) is acceptable for use as a filler
- Alkoxysilanes can be used on a filler surface (up to 0.5 wt%)

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