

GD05 Food contact statement

Product Brand:	Shield
Product Description:	Natural latex powder free disposable glove
Product Code:	GD05

Polyco Healthline Ltd hereby declares that the above-mentioned were submitted under the OEM brand for analysis against the following tests according to BfR Recommendation XXI. Commodities based on Natural and Synthetic Rubber:

Global migration content with aqueous food simulant (DI Water, 3% Acetic Acid & 10% Ethanol)

- According to BfR recommendation XXI with reference to EN 1186-9:2022 – Test methods for overall migration in aqueous food simulants by article filling.

Specific migration content using Aqueous food simulant (DI Water)

- According to BfR recommendation XXI with reference to EN 1186-9:2022 – Test methods for overall migration in aqueous food simulants by article filling.

Lead & Zinc Content

- According to BfR recommendation XXI, sample analysis was conducted by acid digestion, followed by ICP-Optical Emission Spectroscopy.

Test results:

Overall migration test:

Simulant used	Test condition	Surface Area (dm ²)	Volume of extraction (ml)	Global migration (mg/ dm ²)	BfR XXI Category 3 requirement for global migration (mg/ dm ²)
DI Water	40°C / 10 minutes	4.21	210	<1.0	10 max
3% Acetic Acid	40°C / 10 minutes	4.25	210	17.2	50 max
10% Ethanol	40°C / 10 minutes	4.24	210	<1.0	10 max

Specific Migration

Test	Results (%)	BfR XXI Category 3 requirement (%)
Lead	<0.001	<0.003
Zinc	0.5	<3.0

Based on the above results the GD05 sample met the requirement under BfR Recommendation XXI Commodities based on Natural and Synthetic Rubber –2.3 Category 3.

This declaration is supported by Test Report: 7191260871-CHM21-05-TSL issued by TUV, Singapore.

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Suitable Food Types

Beverages	Clear beverages: non-alcoholic, or alcoholic with ≤6% alcohol content	Suitable if Ph >4.5
	Cloudy beverages: non-alcoholic, or alcoholic with ≤6% alcohol content	Suitable if Ph >4.5
	Alcoholic beverages with 6 - 20% alcohol content	Suitable
	Alcoholic beverages with >20% alcohol content and all cream liqueurs	Suitable
	Miscellaneous: undenatured ethyl alcohol	Not Suitable
Bread, cereals, pastries, cakes, etc.	Starches, cereals, flour, meal, dry pasta and similar products, fresh pasta	Suitable
	Bread, pastry, biscuits, cakes, and similar products: dry or fresh; with fats or oils on the surface	Suitable
	Bread, pastry, biscuits, cakes, and similar products: dry or fresh; without fats or oils on the surface	Suitable
Chocolate, sugar, and confectionery products	Chocolate, chocolate-coated products, and chocolate substitutes	Suitable
	Confectionery products in solid or paste form, with fatty substances on the surface	Suitable
	Confectionery products in solid form, without fatty substances on the surface	Suitable
	Confectionery products in moist form, without fatty substances on the surface	Suitable
	Sugar and sugar products in solid form; crystalline or powdered	Suitable
	Molasses, sugar syrups, honey	Suitable
Fruits and vegetables	Fruit and vegetables, unpeeled and uncut	Suitable
	Fruit and vegetables, peeled and/or cut	Suitable if Ph >4.5
	Processed fruit and vegetables, dried or dehydrated	Suitable
	Processed fruit and vegetables in purée form	Suitable if Ph >4.5
	Preserved fruit, in an oily medium	Suitable
	Preserved vegetables, in an oily medium	Suitable
	Preserved fruit and vegetables, in an alcoholic medium	Suitable
	Nuts: shelled and roasted, or shelled and dried, flaked, or powdered	Suitable
	Nuts: paste or cream form	Suitable
Fats and oils	Animal and vegetable fats and oils, natural or treated (cocoa butter, lard, olive oil, etc.)	Suitable
	Margarine, butter, and other fats and oils made from water emulsions in oil	Suitable
Animal products (meat, seafood, eggs, etc.)	Fish: fresh, chilled, processed, smoked, or salted, including fish eggs	Suitable
	Fish, crustaceans, and molluscs: preserved in an oily medium	Suitable
	Fish, crustaceans, and molluscs: preserved in an aqueous medium	Suitable if Ph >4.5
	Crustaceans and molluscs: fresh within the shell	Suitable
	Meat and processed meat products: fresh, chilled, salted, or smoked	Suitable
	Marinated meat: in an oily medium	Suitable
	Preserved meat: in a fatty or oily medium	Suitable
	Preserved meat: in an aqueous medium	Suitable if Ph >4.5
	Whole eggs, egg yolk, or egg white: powdered, dried, or frozen	Suitable
	Egg yolk or egg white: liquid or cooked	Suitable

Dairy products	Whole, skimmed, or partly dried milk	Suitable
	Milk powder, including infant formula	Suitable
	Cream, sour cream, and fermented milk (yoghurt, buttermilk, etc.)	Suitable if Ph >4.5
	Cheese: whole, with inedible rind	Suitable
	Cheese: without rind or with edible rind	Suitable
	Cheese: processed and soft cheeses	Suitable if Ph >4.5
	Preserved cheese: in an oily medium	Suitable
	Preserved cheese: in an aqueous medium	Suitable if Ph >4.5
Miscellaneous - condiments and sauces	Sauces: with aqueous character	Suitable if Ph >4.5
	Sauces: with fatty character (e.g., mayonnaise, salad creams)	Suitable if Ph >4.5
	Mustard	Suitable if Ph >4.5
	Vinegar	Not Suitable
Miscellaneous - mixed foods	Sandwiches, toasted bread, pizza: with fatty topping/fillings	Suitable
	Sandwiches, toasted bread, pizza: without fatty toppings/fillings	Suitable
	Soups, sauces, broths: powdered or dried with fatty characters	Suitable
	Soups, sauces, broths: powdered or dried without fatty characters	Suitable
	Soups, sauces, broths: in any other form with fatty characters	Suitable if Ph >4.5
	Soups, sauces, broths: in any other form without fatty characters	Suitable if Ph >4.5
	Fried or roasted foods of vegetable origin (fried potatoes, fritters)	Suitable
	Fried or roasted foods of animal origin	Suitable
Miscellaneous - others	Dried foods: with fatty substances on the surface	Suitable
	Dried foods: without fatty substances on the surface	Suitable
	Herbs and spices	Suitable
	Spices and seasoning in an oily medium (e.g., pesto, curry paste)	Suitable
	Coffee and coffee substitutes: granulated or powdered	Suitable
	Cocoa powder	Suitable
	Cocoa paste	Suitable
	Concentrated extracts with ≥6% alcohol content	Suitable if Ph >4.5
	Frozen or deep-frozen foods	Suitable
	Ice-creams	Suitable