Food Contact Statement – Summary of Results

For materials intended to come into contact with food

MANUFACTURER HPC Healthline UK Ltd, Colwood House, 158 Garth Road, Morden, Surrey, SM4 4LZ, Surrey

PRODUCT GD11 Lightly Powdered Blue Vinyl Disposable Gloves
GD13 Powder Free Blue Vinyl Disposable Gloves

BRAND NAME Shield 2

Overall Migration:

The above mentioned gloves were examined in accordance with:

- Commission Regulation (EU) No 10/2011 of 14 January 2011and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on plastic materials and articles intended to come into contact with food.

And tested in accordance with:

- EN1186-1:2002 for test method (materials and articles in contact with foodstuffs – plastics).

Simulant Used	Limit	Test Condition	GD11 Result	GD13 Result
10% Ethanol (V/V) aqueous solution	10 mg/dm²	40ºC 2 hours	<3.0	<3.0
3% Acetic Acid (W/V) aqueous solution	10 mg/dm²	40ºC 2 hours	<3.0	<3.0
20% Ethanol (V/V) aqueous solution	10 mg/dm²	40ºC 2 hours	<3.0	<3.0
95% Ethanol (V/V) aqueous solution	10 mg/dm²	40ºC 10 mins	124.0	124.0
Rectified Olive Oil	10 mg/dm²	20ºC 2 mins	380.9	380.9

n.d.: none detected MDL: Method Detection Limit

The Shield GD11 and GD13 blue vinyl gloves are permitted to contact with the following specific food types:

» Aqueous foods
» Dry foods
» Alcoholic foods

They are not permitted for use with:

» Fatty foods

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Specific Migration for Heavy Metal:

The above mentioned gloves were examined in accordance with:

- Commission Regulation (EU) No 10/2011 of 14 January 2011and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on plastic materials and articles intended to come into contact with food.

And tested in accordance with:

- EN13130-1:2004 for sample preparation followed by ICP-OES analysis. Simulant used: 3% Acetic Acid (W/V) aqueous solution

Test Item	Limit	Unit	MDL	GD11 Result	GD13 Result
Barium	1	mg/kg	0.25	n.d	n.d
Cobalt	0.05	mg/kg	0.05	n.d	n.d
Copper	5	mg/kg	0.25	n.d	n.d
Iron	48	mg/kg	0.25	0.29	0.29
Lithium	0.6	mg/kg	0.5	n.d	n.d
Manganese	0.6	mg/kg	0.25	n.d	n.d
Zinc	25	mg/kg	0.5	5.6	5.6

n.d.: none detected MDL: Method Detection Limit

- RoHS Directive 2002/95/EC, as amended, with reference to IEC 62321 Ed111/54/CDV

Test Item	Limit	Unit	MDL	GD11 Result	GD13 Result
Cadmium	100	mg/kg	2.0	n.d	n.d
Lead	1000	mg/kg	2.0	n.d	n.d
Mercury	1000	mg/kg	2.0	n.d	n.d
Hexavalent Chromium	1000	mg/kg	2.0	n.d	n.d
PBBs	1000	mg/kg	5.0	n.d	n.d
PBDEs	1000	mg/kg	5.0	n.d	n.d

n.d.: none detected MDL: Method Detection Limit

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PBBs:	PBDEs:
Monobromobiphenyl	Monobromodiphenyl ether
Dibromobiphenyl	Dibromodiphenyl ether
Tribromobiphenyl	Tribromodiphenyl ether
Tetrabromobiphenyl	Tetrabromodiphenyl ether
Pentabromobiphenyl	Pentabromodiphenyl ether
Hexabromobiphenyl	Hexabromodiphenyl ether
Heptabromobiphenyl	Heptabromodiphenyl ether
Octabromobiphenyl	Octabromodiphenyl ether
Nonabromobiphenyl	Nonabromodiphenyl ether
Decabromobiphenyl	Decabromodiphenyl ether

This statement is supported by Technical Reports:

TAOHG1202339401	SGS, Qingdao, China
SH7030423/CHEM	SGS, Shanghai, China
SP070400463-1	SGS, Shanghai, China

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