



TEST REPORT

SHANGHAI JANTON INDUSTRIAL CO.LTD

Technical Report: (3226)236-0478

Date of Received: Aug.24,2026

Test period: Aug.24,2026~Aug.31,2026

Aug.31,2026

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WU YI

SHANGHAI JANTON INDUSTRIAL CO.LTD

NO. 55, LANE 8188, HUTAI ROAD, BAOSHAN DISTRICT, SHANGHAI

SAMPLE INFORMATION:

Sample Description:	PLA - WHITE - FDM FILAMENT	Sample Quantity:	N/A
Vendor:	N/A	Style No(s):	1029
Manufacturer:	SHANGHAI JANTON INDUSTRIAL CO.LTD	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	SHANGHAI, CHINA
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Tested Age Grade:	N/A	Country of Destination:	N/A
UPC Code:	N/A	Color:	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863	PASS

Remark: The testing project is solely for internal use and serves as a reference only. It does not carry any evidentiary weight for society.

BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

TELEPHONE NO. : 86-574-87091388 / 87091399

E-MAIL : lily.shi@bureauveritas.com; amy.pan@bureauveritas.com

Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd

Peter Xi
Technical support

Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd
1F, 6F, east 17F east 8F, Building B,
No. 60, Qianxin Road, Juxian Sub-district, High-
tech Zone, Ningbo, Zhejiang, China
Tel: 86-574-87091388 / 87091399
87971039
website: cps.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Tested Component(s) Breakdown List

Test Item	Description	Location	Style
1	White plastic	-	-

European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863

Test Method : See Appendix.

-	Unit	MDL	Maximum Allowable Limit (Req.)	Result
Test Item	-	-	-	1
Parameter	-	-	-	-
Lead (Pb)	mg/kg	2	1000	ND
Cadmium (Cd)	mg/kg	2	100	ND
Mercury (Hg)	mg/kg	2	1000	ND
Chromium VI (Cr VI)	mg/kg	2	1000	ND
MonoBB	mg/kg	5		ND
DiBB	mg/kg	5		ND
TriBB	mg/kg	5		ND
TetraBB	mg/kg	5		ND
PentaBB	mg/kg	5		ND
HexaBB	mg/kg	5		ND
HeptaBB	mg/kg	5		ND
OctaBB	mg/kg	5		ND
NonaBB	mg/kg	5		ND
DecaBB	mg/kg	5		ND
Sum of PBBs	mg/kg	-	1000	ND
MonoBDE	mg/kg	5		ND
DiBDE	mg/kg	5		ND
TriBDE	mg/kg	5		ND
TetraBDE	mg/kg	5		ND
PentaBDE	mg/kg	5		ND
HexaBDE	mg/kg	5		ND
HeptaBDE	mg/kg	5		ND
OctaBDE	mg/kg	5		ND
NonaBDE	mg/kg	5		ND
DecaBDE	mg/kg	5		ND
Sum of PBDEs	mg/kg	-	1000	ND
Dibutyl phthalate (DBP)	mg/kg	50	1000	ND
Butyl benzyl phthalate (BBP)	mg/kg	50	1000	ND
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	50	1000	ND
Diisobutyl phthalate (DIBP)	mg/kg	50	1000	ND
Conclusion	-	-	-	PASS

Remark:

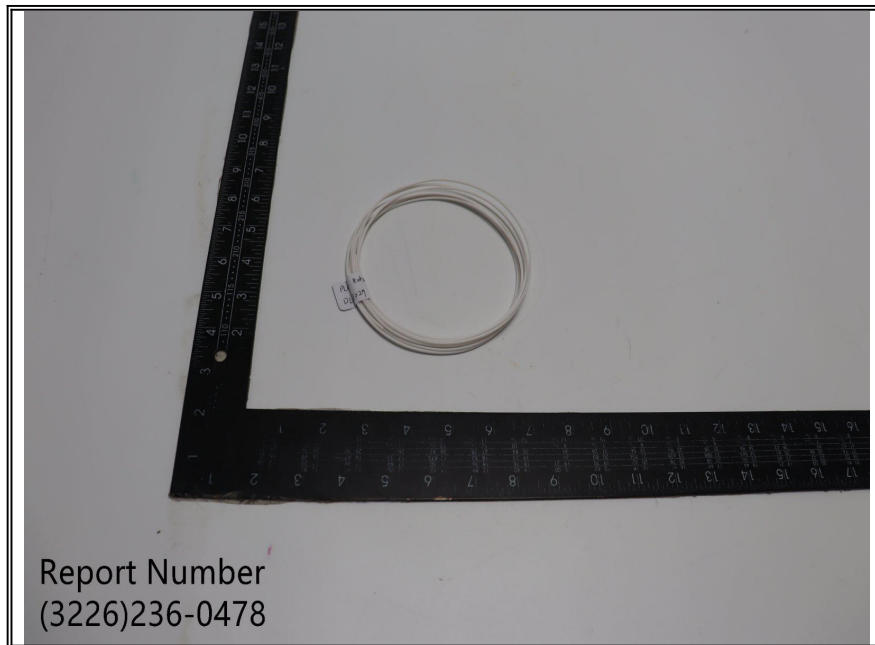
- The list of analytes is summarized in table of Appendix.

- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).
- According to European Parliament and Council Directive 2011/65/EU, Article 5 "Adaptation of the Annexes to scientific and technical progress", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.

APPENDIX

List of Analytes and their Corresponding Test Methods [European Parliament and Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Lead (Pb)	With reference to IEC 62321-5: 2013.
2	Cadmium (Cd)	
3	Mercury (Hg)	With reference to IEC 62321-4: 2013+AMD1: 2017 CSV.
4	Chromium VI (Cr VI)	<u>Metal:</u> With reference to IEC 62321-7-1:2015. <u>Polymers & Electronics:</u> With reference to IEC 62321-7-2: 2017. <u>Leather:</u> ISO 17075: 2017
5	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	With reference to IEC 62321-6:2015.
6	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	
7	Dibutyl phthalate (DBP) Butyl benzyl phthalate (BBP) Di-2-ethylhexyl phthalate (DEHP) Diisobuty phthalate (DIBP)	Reference to IEC 62321-8: 2017.

SAMPLE REFERENCE PHOTO:



-- END OF REPORT --



TEST REPORT

SHANGHAI JANTON INDUSTRIAL CO.LTD

Technical Report: (3226)236-0482
Date of Received: Aug.24, 2026
Test period: Aug.24, 2026-Sep.07, 2026

Sep.07, 2026

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WU YI
SHANGHAI JANTON INDUSTRIAL CO.LTD
NO. 55, LANE 8188, HUTAI ROAD, BAOSHAN DISTRICT,
SHANGHAI

SAMPLE INFORMATION:

Sample Description:	PLA - GREEN BLUE WHITE PURPLE YELLOW MIXED COLOR - FDM FILAMENT	Sample Quantity:	N/A
Vendor:	N/A	Style No(s):	PLA
Manufacturer:	SHANGHAI JANTON INDUSTRIAL CO.ITD	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	SHANGHAI · CHINA
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Tested Age Grade:	N/A	Country of Destination:	N/A
UPC Code:	N/A	Color :	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH	PASS

Note:

- The limit of 0.1% (w/w) applies to an article. The results were calculated according to Guidance on requirements for substances in articles Version 4.0 – June 2017, reference to the judgement of the European Court of Justice of 10 September 2015 in case C-106/142. However, the results may not be applicable if the intended use of the sample is a substance or mixture. According to REACH, definition of an article, substance and mixture are:
 - Article - An object during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition
 - Substance - A chemical element and its compound in the natural state or obtained by any manufacturing process
 - Mixture (Previously known as "Preparation") - A mixture or solution composed of two or more substances
- In accordance of Article 7 of Regulation (EC) No. 1907/2006 (REACH regulation) – Registration and notification of substances in articles, any producer or importer of articles shall notify ECHA, if a substance meets in criteria in Article 57 and is identified in accordance with Article 59(1), if both (1) the substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year & (2) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w) are met. The information to be notified shall include (a) identity and contact details of the producer or importer, (b) the registration numbers, (c) the identity of the substance and (d) the classification of the substance, (e) a brief description of the use of the substance and (f) the tonnage range of the substance.

Bureau Veritas Testing Technical
Service (Zhejiang) Co., Ltd
1F, 6F east, 7F east, 8F, Building 5
No. 66 Qingyi Road, Juxian Sub-district,
High-tech Zone, Wuxi, Jiangsu, China
Tel: 86-510-87091333, Fax: 86-510-
87971036
website: cps.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

- 3 In accordance of Article 33 of Regulation (EC) No. 1907/2006 (REACH regulation) – Duty to communicate information on substances in articles, any supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance. On request by a consumer the relevant information shall be provided by any supplier of an article free of charge, within 45 days of receipt of the request.
- 4 If SVHC was detected exceeding 0,1% (w/w) in test group, client is suggested to perform the further separate testing to identify the exact concentration of test items.
- 6 The testing project is solely for internal use and serves as a reference only. It does not carry any evidentiary weight for society.

BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

TELEPHONE NO. : 86-574-87091375 / 87091399
E-MAIL : lilyli.li@bureauveritas.com; amy.pan@bureauveritas.com

Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd



Peter Xi
Chemical Supervisor

Tested Component(s) Breakdown List

Test Item	Description	Location	Style
1	Green plastic	-	-
2	Purple plastic	-	-
3	Orange plastic	-	-
4	Blue plastic	-	-
5	Grey plastic	-	-

TEST RESULT

Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

Method: Analysis is based on GC, LC, IC, ICP and UV, with various detection techniques.

Maximum Allowable Limit:	0.1% (Each of listed)
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Test Item	Description	Detected Analyte(s)	Conc. (%)	Conclusion
1 + 2 + 3 + 4 + 5	plastic, hard	ND	ND	PASS

Remark:

ND = Not Detected

mg/kg = milligram per kilogram

Detection Limit (%): See Appendix.

Conc. = Concentration

% = percentage

1 mg/kg = 0.0001%

The detected SVHC and its value will be shown in above table, the else SVHC not shown in the table will be regarded as ND. When all SVHC for test are not detected, it will be shown ND.

The client declared the Aluminosilicate, Refractory Ceramic Fibres^{a9)} have not been added in the production process.

APPENDIX

Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
1	Triethyl arsenate ⁵⁾	15606-95-8	427-700-2	0.01	Carcinogenic
2	Anthracene	120-12-7	204-371-1	0.005	PBT
3	4,4'-Diaminodiphenyl methane (MDA)	101-77-9	202-974-4	0.005	Carcinogenic
4	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.005	Toxic for reproduction Endocrine disrupting properties
5	Cobalt dichloride ³⁾	7646-79-9	231-589-4	0.01	Carcinogenic
6	Diarsenic pentaoxide ⁵⁾	1303-28-2	215-116-9	0.01	Carcinogenic
7	Diarsenic trioxide ⁵⁾	1327-53-3	215-481-4	0.01	Carcinogenic
8	Sodium dichromate ⁶⁾	7789-12-0 ⁽¹⁾ , 10588-01-9 ⁽²⁾	234-190-3	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.005	vPvB
10	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.005	Toxic for reproduction
11	Hexabromo cyclododecane (HBCDD) and all major diastereoisomers identified: α - HBCDD β - HBCDD γ - HBCDD	3194-55-6 ⁽³⁾ , 25637-99-4 ⁽⁴⁾ 134237-50-6 134237-51-7 134237-52-8	247-148-4, 221-695-9	0.005	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	PBT, vPvB
13	Bis(tributyltin)oxide (TBTO) ^{**7)}	56-35-9	200-268-0	0.005	PBT
14	Lead hydrogen arsenate ⁴⁾	7784-40-9	232-064-2	0.01	Carcinogenic; Toxic for reproduction
15	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.005	Toxic for reproduction
16	2,4-Dinitrotoluene	121-14-2	204-	0.005	Carcinogenic



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SHANGHAI JANTON INDUSTRIAL CO.LTD

Technical Report: **(3226)236-0482**

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			450-0		
17	Anthracene oil	90640-80-5	292-602-7	0.01	Carcinogenic, PBT, vPvB
18	Anthracene oil, anthracene paste, distrn. Lights	91995-17-4	295-278-5	0.01	Carcinogenic; Mutagenic, PBT, vPvB
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.01	Carcinogenic; Mutagenic, PBT, vPvB
20	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01	Carcinogenic; Mutagenic, PBT, vPvB
21	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01	Carcinogenic; Mutagenic, PBT, vPvB
22	Diisobutyl phthalate	84-69-5	201-553-2	0.005	Toxic for reproduction
23	Aluminosilicate, Refractory Ceramic Fibres ^{a9)}	Index no. 650-017-00-8		0.01	Carcinogenic
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres ^{b9)}	Index no. 650-017-00-8		0.01	Carcinogenic
25	Lead chromate ⁶⁾	7758-97-6	231-846-0	0.01	Carcinogenic; Toxic for reproduction
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104) ⁶⁾	12656-85-8	235-759-9	0.01	Carcinogenic; Toxic for reproduction
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) ⁶⁾	1344-37-2	215-693-7	0.01	Carcinogenic; Toxic for reproduction
28	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	204-118-5	0.005	Toxic for reproduction
29	Coal tar pitch, high temperature	65996-93-2	266-028-2	0.01	Carcinogenic, PBT, vPvB
30	Acrylamide	79-06-1	201-173-7	0.005	Carcinogenic; Mutagenic
31	Trichloroethylene	79-01-6	201-167-4	0.005	Carcinogenic
32	Boric acid ¹⁾	10043-35-3, 11113-50-1	233-139-2 / 234-343-4	0.01	Toxic for reproduction
33	Disodium tetraborate, anhydrous ¹⁾	1330-43-3(5), 12179-04-3(6), 1303-96-4(7)	215-540-4	0.01	Toxic for reproduction
34	Tetraboron disodium heptaoxide, hydrate ¹⁾	12267-73-1	235-541-3	0.01	Toxic for reproduction
35	Sodium chromate ⁶⁾	7775-11-3	231-889-5	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
36	Potassium chromate ⁶⁾	7789-00-6	232-140-5	0.01	Carcinogenic; Mutagenic
37	Ammonium dichromate ⁶⁾	7789-09-	232-	0.01	Carcinogenic;



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VERITAS**

SHANGHAI JANTON INDUSTRIAL CO.LTD

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		5	143-1		Mutagenic; Toxic for reproduction
38	Potassium dichromate ⁶⁾	7778-50-9	231-906-6	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
39	Cobalt(II) sulphate ³⁾	10124-43-3	233-334-2	0.01	Carcinogenic; Toxic for reproduction
40	Cobalt(II) dinitrate ³⁾	10141-05-6	233-402-1	0.01	Carcinogenic; Toxic for reproduction
41	Cobalt(II) carbonate ³⁾	513-79-1	208-169-4	0.01	Carcinogenic; Toxic for reproduction
42	Cobalt(II) diacetate ³⁾	71-48-7	200-755-8	0.01	Carcinogenic; Toxic for reproduction
43	2-Methoxyethanol	109-86-4	203-713-7	0.005	Toxic for reproduction
44	2-Ethoxyethanol	110-80-5	203-804-1	0.005	Toxic for reproduction
45	Chromium trioxide ⁶⁾	1333-82-0	215-607-8	0.01	Carcinogenic; Mutagenic
46	Acid generated from chromium trioxide and their oligomers: Chromic acid ⁶⁾ Dichromic acid ⁶⁾ Oligomers of chromic acid and dichromic acid ⁶⁾	7738-94-5 13530-68-2 -	231-801-5 236-881-5 -	0.01	Carcinogenic
47	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.005	Toxic for reproduction
48	Strontium Chromate ⁶⁾	7789-06-2	232-142-6	0.01	Carcinogenic
49	1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester	68515-42-4	271-084-6	0.005	Toxic for reproduction
50	Hydrazine	302-01-2 7803-57-8	206-114-9	0.005	Carcinogenic
51	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.005	Toxic for reproduction
52	1,2,3-trichloropropane	96-18-4	202-486-1	0.005	Toxic for reproduction
53	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6	276-158-1	0.005	Toxic for reproduction
54	Dichromium tris(chromate) ⁶⁾	24613-89-6	246-356-2	0.01	Carcinogenic
55	Potassium hydroxyoctaoxodizincatedi-chromate ⁶⁾	11103-86-9	234-329-8	0.01	Carcinogenic
56	Pentazinc chromate octahydroxide ⁶⁾	49663-84-5	256-418-0	0.01	Carcinogenic
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.005	Carcinogenic
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.005	Toxic for reproduction



59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.005	Carcinogenic
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.005	Equivalent level of concern
61	1,2-Dichloroethane	107-06-2	203-458-1	0.005	Carcinogenic
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.005	Toxic for reproduction
63	Arsenic acid ⁵⁾	7778-39-4	231-901-9	0.01	Carcinogenic
64	Calcium arsenate ⁵⁾	7778-44-1	231-904-5	0.01	Carcinogenic
65	Trilead diarsenate ⁵⁾	3687-31-8	222-979-5	0.01	Carcinogenic; Toxic for reproduction
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.005	Toxic for reproduction
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005	Carcinogenic
68	Phenolphthalein	77-09-8	201-004-7	0.005	Carcinogenic
69	Lead azide, Lead diazide ⁴⁾	13424-46-9	236-542-1	0.01	Toxic for reproduction
70	Lead styphnate ⁴⁾	15245-44-0	239-290-0	0.01	Toxic for reproduction
71	Lead dipicrate ⁴⁾	6477-64-1	229-335-2	0.01	Toxic for reproduction
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.005	Toxic for reproduction
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.005	Toxic for reproduction
74	Diboron trioxide ¹⁾	1303-86-2	215-125-8	0.01	Toxic for reproduction
75	Formamide	75-12-7	200-842-0	0.01	Toxic for reproduction
76	Lead(II) bis(methanesulfonate) ⁴⁾	17570-76-2	401-750-5	0.01	Toxic for reproduction
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) §	2451-62-9	219-514-3	0.005	Mutagenic
78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) §	59653-74-6	423-400-0	0.005	Mutagenic
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.005	Carcinogenic
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.005	Carcinogenic
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.005	Carcinogenic
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.005	Carcinogenic
83	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01	Carcinogenic



84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.005	Carcinogenic
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.005	Persistent, bioaccumulative and toxic; very persistent and very bioaccumulative
86	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.005	Toxic for reproduction
87	Methoxy acetic acid	625-45-6	210-894-6	0.005	Toxic for reproduction ; equivalent level of concern
88	Dibutyltin dichloride (DBT) ⁷⁾	683-18-1	211-670-0	0.01	Toxic for reproduction
89	1,2-Diethoxyethane	629-14-1	211-076-1	0.005	Toxic for reproduction
90	Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.01	Equivalent level of concern having probable serious effects to human health
91	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01	Equivalent level of concern having probable serious effects to human health
92	4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	0.005	Equivalent level of concern having probable serious effects to human health
93	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.005	Very persistent and very bioaccumulative
94	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear+	84777-06-0	284-032-2	0.005	Toxic for reproduction
95	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.005	Very persistent and very bioaccumulative
96	N-pentyl-isopentylphthalate (iPnPP)+	776297-69-9	-	0.005	Toxic for reproduction
97	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.005	Very persistent and very bioaccumulative
98	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.005	Equivalent level of concern
99	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.005	Very persistent and very bioaccumulative



100	Lead bis(tetrafluoroborate) ⁴⁾	13814-96-5	237-486-0	0.01	Toxic for reproduction
101	Lead tetroxide (orange lead) ⁴⁾	1314-41-6	215-235-6	0.01	Toxic for reproduction
102	Diethyl sulphate	64-67-5	200-589-6	0.005	Carcinogenic; Mutagenic
103	Dinoseb	88-85-7	201-861-7	0.005	Toxic for reproduction
104	Lead Titanium Zirconium Oxide ⁴⁾	12626-81-2	235-727-4	0.01	Toxic for reproduction
105	Acetic acid, lead salt, basic ⁴⁾	51404-69-4	257-175-3	0.01	Toxic for reproduction
106	Furan	110-00-9	203-727-3	0.01	Carcinogenic
107	N-methylacetamide	79-16-3	201-182-6	0.005	Toxic for reproduction
108	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.005	Carcinogenic
109	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.01	Toxic for reproduction
110	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.005	Carcinogenic; Mutagenic
111	[Phthalato(2-)]dioxotrilead (Dibasic lead phthalate) ⁴⁾	69011-06-9	273-688-5	0.01	Toxic for reproduction
112	Lead titanium trioxide ⁴⁾	12060-00-3	235-038-9	0.01	Toxic for reproduction
113	Lead oxide sulphate ⁴⁾	12036-76-9	234-853-7	0.01	Toxic for reproduction
114	Lead dinitrate ⁴⁾	10099-74-8	233-245-9	0.01	Toxic for reproduction
115	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.005	Carcinogenic
116	Lead cyanamidate ⁴⁾	20837-86-9	244-073-9	0.01	Toxic for reproduction
117	Tetralead trioxide sulphate ⁴⁾	12202-17-4	235-380-9	0.01	Toxic for reproduction
118	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.005	Carcinogenic
119	Pyrochlore, antimony lead yellow ⁴⁾	8012-00-8	232-382-1	0.01	Toxic for reproduction
120	Trilead bis(carbonate)dihydroxide (basic lead carbonate) ⁴⁾	1319-46-6	215-290-6	0.01	Toxic for reproduction
121	Dimethyl sulphate	77-78-1	201-058-1	0.005	Carcinogenic
122	Dioxobis(stearato)trilead ⁴⁾	12578-12-0	235-702-8	0.01	Toxic for reproduction
123	Silicic acid, barium salt, lead-doped ⁴⁾	68784-75-8	272-271-5	0.01	Toxic for reproduction
124	Biphenyl-4-ylamine	92-67-1	202-177-1	0.005	Carcinogenic
125	Lead oxide (lead monoxide) ⁴⁾	1317-36-8	215-267-0	0.01	Toxic for reproduction
126	Pentalead tetraoxide sulphate ⁴⁾	12065-90-6	235-067-7	0.01	Toxic for reproduction
127	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.01	Carcinogenic; Mutagenic
128	Silicic acid, lead salt ⁴⁾	11120-	234-	0.01	Toxic for



		22-2	363-3		reproduction
129	Trilead dioxide phosphonate ⁴⁾	12141-20-7	235-252-2	0.01	Toxic for reproduction
130	o-aminoazotoluene	97-56-3	202-591-2	0.005	Carcinogenic
131	1-bromopropane	106-94-5	203-445-0	0.01	Toxic for reproduction
132	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.005	Carcinogenic
133	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.005	Carcinogenic
134	Tetraethyllead ⁴⁾	78-00-2	201-075-4	0.01	Toxic for reproduction
135	Sulfurous acid, lead salt, dibasic ⁴⁾	62229-08-7	263-467-1	0.01	Toxic for reproduction
136	Fatty acids, C16-18, lead salts ⁴⁾	91031-62-8	292-966-7	0.01	Toxic for reproduction
137	Diisopentylphthalate+	605-50-5	210-088-4	0.005	Toxic for reproduction
138	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.01	Equivalent level of concern having probable serious effects to human health
139	Cadmium	7440-43-9	231-152-8	0.01	Carcinogenic; Equivalent level of concern
140	Cadmium oxide ⁸⁾	1306-19-0	215-146-2	0.01	Carcinogenic; Equivalent level of concern
141	Dipentyl phthalate (DPP) +	131-18-0	205-017-9	0.005	Toxic for reproduction
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	-	0.005	Equivalent level of concern
143	Ammonium pentadecafluorooctanoate (APFO) ≠	3825-26-1	223-320-4	0.005	Toxic for reproduction; PBT
144	Pentadecafluorooctanoic acid (PFOA) ≠	335-67-1	206-397-9	0.005	Toxic for reproduction; PBT
145	Cadmium sulphide ⁸⁾	1306-23-6	215-147-8	0.01	Carcinogenic; Equivalent level of concern
146	Dihexyl phthalate	84-75-3	201-559-5	0.005	Toxic for reproduction
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.005	Carcinogenic
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.005	Carcinogenic
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-	0.005	Toxic for



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			506-9		reproduction
150	Lead diacetate ⁴⁾	301-04-2	206-104-4	0.01	Toxic for reproduction
151	Trixylyl phosphate	25155-23-1	246-677-8	0.005	Toxic for reproduction
152	Cadmium chloride ⁸⁾	10108-64-2	233-296-7	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear++	68515-50-4	271-093-5	0.005	Toxic for reproduction
154	Sodium peroxometaborate ¹⁾	7632-04-4	231-556-4	0.01	Toxic for reproduction
155	Sodium perborate; perboric acid, sodium salt ¹⁾	-	239-172-9; 234-390-0	0.01	Toxic for reproduction
156	Cadmium fluoride ⁸⁾	7790-79-6	232-222-0	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
157	Cadmium sulphate ⁸⁾	10124-36-4; 31119-53-6	233-331-6	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.005	PBT; vPvB
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.005	PBT; vPvB
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) +++ ⁷⁾	15571-58-1	239-622-4	0.01	Toxic for Reproduction
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) +++ ⁷⁾	-	-	0.01	Toxic for Reproduction
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	271-094-0; 272-013-1	0.01	Toxic for reproduction
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-	-	-	0.01	Very persistent



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	methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]				and very bioaccumulative
164	1,3-propanesultone	1120-71-4	214-317-9	0.01	Carcinogenic
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.005	vPvB
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.005	vPvB
167	Nitrobenzene	98-95-3	202-716-0	0.01	Toxic for reproduction
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01	Toxic for reproduction; PBT
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.005	Carcinogenic; Mutagenic; Toxic for Reproduction; PBT; vPvB
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.005	Toxic for reproduction Endocrine disrupting properties-environment & human health
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	-	0.005	Toxic for reproduction; PBT
172	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	0.005	Equivalent level of concern having probable serious effects to the environment
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.005	Equivalent level of concern having probable serious effects to the environment
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	-	0.005	vPvB
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear(4-HPbl)]	-	-	0.01	Endocrine disrupting properties-environment
176	Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	0.01	vPvB
177	Chrysene	218-01-9 1719-03-5	205-923-4	0.005	Carcinogenic; PBT; vPvB
178	Cadmium nitrate ⁸⁾	10022-68-1	233-710-6	0.01	Carcinogenic; Mutagenic



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		10325-94-7			Specific target organ toxicity after repeated exposure
179	Cadmium hydroxide ⁸⁾	21041-95-2	244-168-5	0.01	Carcinogenic; Mutagenic Specific target organ toxicity after repeated exposure
180	Cadmium carbonate ⁸⁾	513-78-0	208-168-9	0.01	Carcinogenic; Mutagenic Specific target organ toxicity after repeated exposure
181	Benz[a]anthracene	56-55-3 1718-53-2	200-280-6	0.005	Carcinogenic; PBT; vPvB
182	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.005	vPvB
183	Octamethylcyclotetrasiloxane(D4)	556-67-2	209-136-7	0.005	PBT; vPvB
184	Lead	7439-92-1	231-100-4	0.01	Toxic for reproduction
185	Ethylenediamine (EDA)	107-15-3	203-468-6	0.005	Respiratory sensitising properties
186	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.005	PBT; vPvB
187	Disodium octaborate ¹⁾	12008-41-2	234-541-0	0.005	Toxic for reproduction
188	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.005	Toxic for reproduction; Endocrine disrupting properties
189	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.005	PBT; vPvB
190	Benzo[ghi]perylene	191-24-2	205-883-8	0.005	PBT; vPvB
191	Benzene-1,2,4- tricarboxylic acid 1,2 anhydride (TMA)	552-30-7	209-008-0	0.005	Respiratory sensitising properties
192	Pyrene	129-00-0 1718-52-1	204-927-3	0.005	PBT; vPvB
193	Phenanthrene	85-01-8	201-581-5	0.005	vPvB
194	Fluoranthene	206-44-0 93951-69-0	205-912-4	0.005	PBT; vPvB
195	Benzo[k]fluoranthene	207-08-9	205-916-6	0.005	Carcinogenic; PBT; vPvB
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.005	Toxic for reproduction
197	1,7,7-trimethyl-3-(phenylmethylene)-	15087-	239-	0.005	Endocrine



	Bicyclo[2.2.1]heptan-2-one	24-8	139-9		disrupting properties
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	-	0.01	Equivalent level of concern having probable serious effects to human health Equivalent level of concern having probable serious effects to the environment
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01	Toxic for reproduction
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.01	Endocrine disrupting properties
201	4-tert-butylphenol	98-54-4	202-679-0	0.005	Endocrine disrupting properties
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.005	Toxic for reproduction
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.005	Toxic for reproduction
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.005	Toxic for reproduction
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	0.005	Equivalent level of concern having probable serious effects on the environment and human health
206	1-vinylimidazole	1072-63-5	214-012-0	0.005	Toxic for reproduction
207	2-methylimidazole	693-98-1	211-765-7	0.005	Toxic for reproduction
208	Dibutylbis(pentane-2,4-dionato-O,O')tin +++	22673-19-4	245-152-0	0.01	Toxic for reproduction
209	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.005	Equivalent level of concern having probable serious effects on the human health - Endocrine disrupting properties
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.01	Toxic for reproduction
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	0.01	Toxic for reproduction
212	1,4-dioxane	123-91-1	204-	0.01	Equivalent level



			661-8		of concern having probable serious effects on the environment and human health
213	2,2-bis(bromomethyl)propane-1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo- 2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90- 0 36483- 57-5 1522-92- 5 96-13-9	221- 967-7 253- 057-0 202- 480-9	0.01	Carcinogenic
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	0.01	Toxic for reproduction
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	201- 025-1	0.01	Endocrine disrupting properties - environment and human health
216	Glutaral	111-30-8	203- 856-5	0.01	Respiratory sensitising properties - human health
217	Medium-chain chlorinated paraffins [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17] (MCCP)	-	-	0.01	PBT; vPvB
218	Orthoboric acid, sodium salt ⁽¹⁾	13840- 56-7	237- 560-2	0.01	Toxic for reproduction
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and or combinations thereof (PDDP)	-	-	0.01	Toxic for reproduction; Endocrine disrupting properties- environment & human health
220	(±)-1,7,7-trimethyl-3-[(4- methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	-	0.01	Equivalent level of concern having probable serious effects on human health
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204- 327-1	0.01	Toxic for reproduction
222	S-(tricyclo[5.2.1.0 ^{2,6}] deca-3-en-8(or 9)-yl) O- (isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881- 94-8	401- 850-9	0.01	PBT
223	Tris(2-methoxyethoxy) vinylsilane	1067-53- 4	213- 934-0	0.01	Toxic for reproduction
224	N-(hydroxymethyl)acrylamide	924-42-5	213- 103-2	0.01	Carcinogenic; Mutagenic
225	1,1'-[ethane-1,2-diylbis(oxy)]bis(2,4,6-tribromobenzene)	37853- 59-1	253- 692-3	0.01	vPvB
226	2,2' 6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201- 236-9	0.01	Carcinogenic
227	4,4'-sulphonyldiphenol	80-09-1	201- 250-5	0.01	Toxic for reproduction Endocrine



					disrupting properties- environment & human health
228	Barium diboron tetraoxide ²⁾	13701-59-2	237-222-4	0.01	Toxic for reproduction
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	0.01	vPvB
230	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.01	Endocrine disrupting properties- human health
231	Melamine	108-78-1	203-615-4	0.005	Equivalent level of concern having probable serious effects on the environment and human health
232	Perfluoroheptanoic acid and its salts	-	-	0.01	Toxic for reproduction PBT vPvB Equivalent level of concern having probable serious effects on the environment and human health
233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	473-390-7	0.01	vPvB
234	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01	vPvB
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.01	Toxic for reproduction
236	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.005	Toxic for reproduction PBT vPvB
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	221-573-5	0.005	vPvB
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.005	Toxic for reproduction
239	Bumetizole	3896-11-5	223-445-4	0.005	vPvB
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	700-960-7	0.005	vPvB
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	201-279-3	0.005	Toxic for reproduction
242	Triphenyl phosphate	115-86-6	204-112-2	0.005	Endocrine disrupting properties - environment
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.005	Toxic for reproduction



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244	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.005	PBT
245	Octamethyltrisiloxane	107-51-7	203-497-4	0.005	vPvB
246	Perfluamine	338-83-0	206-420-2	0.005	vPvB
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.005	PBT
248	1,1,1,3,5,5,5-heptamethyl-3-(trimethylsilyl)oxy-trisiloxane	17928-28-8	241-867-7	0.01	vPvB
249	Decamethyltetrasiloxane	141-62-8	205-491-7	0.01	vPvB
250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-[[4-chloro-6-({2-[(4-fluoro-6-[[4-(vinylsulfonyl)phenyl]amino)-1,3,5-triazine-2-yl]amino]propyl]amino)-1,3,5-triazine-2-yl]amino]-5-sulfonato-1-naphthyl)diazinyl]-5-methoxyphenyl]diazinyl]-1,3,6-naphthalenetrisulfonate; Reactive Brown 51	/	466-490-7	0.01	Toxic for reproduction
251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	84852-53-9	284-366-9	0.005	vPvB
252	N-hexane	110-54-3	203-777-6	0.005	Equivalent level of concern having probable serious effects on human health& human health
253	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and its salts	/	/	0.005	Toxic for reproduction

(1) CAS no. 7789-12-0 refers to sodium dichromate dihydrate

(2) CAS no. 10588-01-9 refers to anhydrous sodium dichromate

(3) CAS no. 3194-55-6 refers to a specific HBCDD - 1,2,5,6,9,10-hexabromocyclododecane

(4) CAS no. 25637-99-4 refers to unspecific HBCDD isomer composition

(5) CAS no. 1330-43-4 refers to disodium tetraborate, anhydrous

(6) CAS no. 12179-04-3 refers to sodium tetraborate, pentahydrate

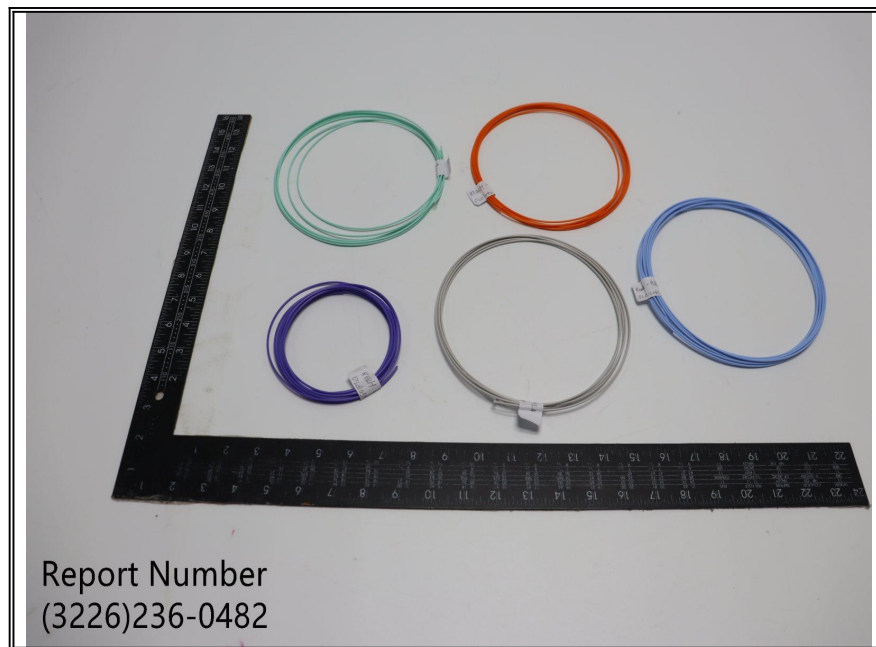
(7) CAS no. 1303-96-4 refers to sodium tetraborate, decahydrate

Remark:

1. PBT = Persistent, bio accumulative and toxic as defined in Regulation (EC) No 1907/2006
2. vPvB = Very persistent and very bio accumulative as defined in Regulation (EC) No 1907/2006
3. ND = Not Detected
4.
 - 1) Result is based on the Boron concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
 - 2) Result is based on the Boron&Barium concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
 - 3) Result is based on the Cobalt concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.

- 4) Result is based on the Lead concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
- 5) Result is based on the Arsenic concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
- 6) Result is based on the Chromium concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
- 7) Result is based on the Stannum concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
- 8) Result is based on the Cadmium concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
- 9) Result is based on the Aluminum concentration. The substance(s) is (are) very likely to be present. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
5. **Result is identified by tributyltin (TBT). Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
6. §TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) and β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) are reported as a mixture.
7. ^aRefer to Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight.
8. ^bRefer to Zirconia Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight.
9. ^{*}[1,2-Benzenedicarboxylic acid, dipentylester, branched and linear] is a mixture of phthalates contains DPP, DIPP and N-pentyl-isopentylphthalate.
10. ^{*}PFOA and APFO are reported together. The result is based on PFOA concentration. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
11. ⁺⁺[1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear] is a mixture of phthalates contains dihexyl phthalate.
12. ⁺⁺⁺Result is based on the tin metal concentration, and further confirmation for checking DBT, DOTE & MOTE concentration.

SAMPLE REFERENCE PHOTO:



-- END OF REPORT --



TEST REPORT

SHANGHAI JANTON INDUSTRIAL CO.LTD

Technical Report: (3226)236-0479

Sep.04,2026

Date of Received: Aug.24,2026

Page 1 of 3

Test period Aug.24,2026~Sep.04,2026

WU YI

SHANGHAI JANTON INDUSTRIAL CO.LTD

NO. 55, LANE 8188, HUTAI ROAD, BAOSHAN DISTRICT,
SHANGHAI

SAMPLE INFORMATION:

Sample Description:	PLA - BLUE - FDM FILAMENT	Sample Quantity:	N/A
Vendor:	N/A	Style No(s):	1037
Manufacturer:	SHANGHAI JANTON INDUSTRIAL CO.LTD	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	SHANGHAI, CHINA
Client Specified Age Grade:	N/A	Assortment No.:	N/A
Tested Age Grade:	N/A	Country of Destination:	N/A
UPC Code:	N/A	Color :	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
Resinous and Polymeric Coatings - U.S. FDA 21 CFR 175.300	PASS

Note: The tested part of the sample was specified by client.
The test conclusion was given based on the results of tested part.
The testing project is solely for internal use and serves as a reference only. It does not carry any
evidentiary weight for society.

BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

TELEPHONE NO. : 86-574-87091388 / 87091399
E-MAIL : lily.shi@bureauveritas.com; amy.pan@bureauveritas.com

Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd

Jane Ye.

Jane Ye
TECHNICAL MANAGER



This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



SHANGHAI JANTON INDUSTRIAL CO.LTD

Technical Report: **(3226)236-0479**

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Tested Component(s) Breakdown List

Test Item	Description	Client Claimed Material
1	Blue plastic	PLA

Resinous and Polymeric Coatings - U.S. FDA 21 CFR 175.300

Condition of use: D) Hot filled or pasteurized below 150°F
Extracting condition: Distilled Water (150 °F, 2 hr.)
n-Heptane (100 °F, 30 min.)
8% Alcohol (150 °F, 2 hr.)

Parameter	Unit	Result	Limit
		1	
Chloroform - Soluble Extractives			
(i) Distilled Water	mg/in ²	<0.5	≤18
(ii) n-Heptane	mg/in ²	<0.5	≤18
(iii) 8% Alcohol	mg/in ²	<0.5	≤18
Conclusion	-	PASS	-

Note: mg/in² = milligrams per square inch of coated surface
“<” = less than
“≤” = less than or equal to

Method: U.S. FDA 21 CFR 175.300

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**BUREAU
VERITAS**

SHANGHAI JANTON INDUSTRIAL CO.LTD

Technical Report: **(3226)236-0479**

Sep.04,2026

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SAMPLE REFERENCE PHOTO:



-- END OF REPORT --