

WUN WAI CHEMICAL MATERIALS LIMITED
FLAT/RM A 9/F WAH KIT COMMERCIAL CENTRE 300 DES VOEUX ROAD CENTRAL, Hong Kong

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Rubber Reinforcing Filler-A

Buyer : Crocs
Brand : Heydude
Material Code : A-ZNO
Material Composition : ZINC OXIDE
Color Tested : (A)WHITE
Style : Powder
Age Grade : Kids & Adult
Season : /
Stage of the testing : Mass Production
Manufacturer(T3) : WUN WAI CHEMICAL MATERIALS LIMITED
Supplier(T2) : EVER POWER INTERNATIONAL CO.,LTD
Shoes/Accessory Factory (T1) : /
Test Category : Annual Test
Mix or individual : Individual
Full test/Partial test : Full Test
First test/Retest : First Test
Recycle textile : No
Previous Report No. : /
Country of Destination : -
Additional Information : /

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : May 14, 2024
Testing Period : May 14, 2024 - May 22, 2024
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).



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Conclusion	Pass	Fail	Remark
Alkylphenols (AP) & Alkylphenol Ethoxylates (APEO)	X		
Extractable Heavy Metals	X		
Medium Chain Chlorinated Paraffin (MCCP)	X		
Organotin Compounds	X		
Phthalates	X		
Polycyclic Aromatic Hydrocarbons (PAHs)	X		
Short Chain Chlorinated Paraffin (SCCP)	X		
Substances of Very High Concern (SVHC)	X		
Total Cadmium (Cd)	X		
Total Lead in Substrate	X		

Remark(s) : Pass = Meets Crocs' Performance Standard.
 Fail = Fails to meet Crocs' Performance Standard.

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Koni zhang (Account Executive)



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Sample Photo



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COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Material	Color	Remark
A	1	Powder	Rubber	White	



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Test Result

SVHC

Test Requested:

As requested by client, SVHC screening is performed according to:

- (i) Two hundred and forty (240) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 23, 2024 regarding Regulation (EC) No 1907/2006 concerning the REACH.
- (ii) Two (2) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on and before Mar 1, 2024 regarding Regulation (EC) No 1907/2006 concerning the REACH.
- (iii) One (1) potential Substances of Very High Concern (SVHC) in the notification of WTO on Jun 1, 2021.
- (iv) Six (6) potential Substances of Very High Concern (SVHC) in the Intention List published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH.

Summary:

According to the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.	Pass
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Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
<http://echa.europa.eu/web/guest/candidate-list-table>
 These lists are under evaluation by ECHA and may subject to change in the future.

2. REACH obligation:

2.1 Concerning article(s):

Communication:

Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a 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 in the Candidate List.

Notification:

In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

Companies supplying articles containing substances of very high concern (SVHCs) on the Candidate List in a concentration above 0.1% weight by weight (w/w) on the EU market must comply with the Waste Framework Directive 2008/98/EC requirement and submit SCIP notifications on these articles to ECHA, as from 5 January 2021.

2.2 Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

2.3 Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:



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- (a) a substance posing human health or environmental hazards in an individual concentration of $\geq 1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or $\geq 0.2\%$ by volume for gaseous mixtures; or
 - (b) a substance that is PBT, or vPvB in an individual concentration of $\geq 0.1\%$ by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
 - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of $\geq 0.1\%$ by weight for non-gaseous mixtures; or
 - (d) a substance for which there are Europe-wide workplace exposure limits
3. If a SVHC is found over the reporting limit, client is suggested to identify the composite component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample:

Testing Group:

Test Result ID	Description	Test Part ID	SGS Sample ID
001	White powder	A	CAN24-0098989-0001

Test Method:

With reference to SGS In-House method, analysis was performed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.



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Test Results: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
-	All tested SVHC in Candidate list	-	ND	-

Test Results: (Potential SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
/	All tested Potential SVHC	-	ND	-

Notes:

- (1) The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
- (2) RL = Reporting Limit (Test data will be shown if it ≥ RL. RL is not regulatory limit.)
ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
- (3) * The result is based on the calculation of selected element(s) under the worst-case scenario, and the evaluation of substance usage and material properties.
** The test result is based on the calculation of selected marker(s) and to the worst-case scenario. Calculated concentration of boric compounds are based on water extractive boron detected by ICP-OES. Calculated concentration of Barium diboron tetraoxide is based on water extractive boron and barium detected by ICP-OES.
RL = 0.001% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium, cadmium respectively), except molybdenum
RL=0.0005%, fluorine RL=0.010%.
- (4) § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).
- (5) / = Potential SVHC

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	0.010
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.010
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.010
I	4	Anthracene	120-12-7	0.010
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.010
I	6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.010
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.010
I	8	Cobalt dichloride*	7646-79-9	0.001
I	9	Diarsenic pentaoxide*	1303-28-2	0.001
I	10	Diarsenic trioxide*	1327-53-3	0.001
I	11	Dibutyl phthalate (DBP)	84-74-2	0.010
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6	0.010
I	13	Lead hydrogen arsenate*	7784-40-9	0.001
I	14	Sodium dichromate*	10588-01-9 /7789-12-0	0.001
I	15	Triethyl arsenate*	15606-95-8	0.001
II	16	2,4-Dinitrotoluene	121-14-2	0.010
II	17	Acrylamide	79-06-1	0.010
II	18	Anthracene oil**	90640-80-5	0.010
II	19	Anthracene oil, anthracene paste**	90640-81-6	0.010
II	20	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.010
II	21	Anthracene oil, anthracene paste, distn. Lights**	91995-17-4	0.010
II	22	Anthracene oil, anthracene-low**	90640-82-7	0.010
II	23	Diisobutyl phthalate	84-69-5	0.010
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.001
II	25	Lead chromate*	7758-97-6	0.001
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.001
II	27	Pitch, coal tar, high temp. **	65996-93-2	0.010
II	28	Tris(2-chloroethyl)phosphate	115-96-8	0.010
III	29	Ammonium dichromate*	7789-09-5	0.001
III	30	Boric acid*	10043-35-3 /11113-50-1	0.001
III	31	Disodium tetraborate, anhydrous*	12179-04-3 /1303-96-4 /1330-43-4	0.001
III	32	Potassium chromate*	7789-00-6	0.001
III	33	Potassium dichromate*	7778-50-9	0.001



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Batch	No.	Substance Name	CAS No.	RL (%)
III	34	Sodium chromate*	7775-11-3	0.001
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.001
III	36	Trichloroethylene	79-01-6	0.010
IV	37	2-Ethoxyethanol	110-80-5	0.010
IV	38	2-Methoxyethanol	109-86-4	0.010
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	13530-68-2 /7738-94-5	0.001
IV	40	Chromium trioxide*	1333-82-0	0.001
IV	41	Cobalt(II) carbonate*	513-79-1	0.001
IV	42	Cobalt(II) diacetate*	71-48-7	0.001
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.001
IV	44	Cobalt(II) sulphate*	10124-43-3	0.001
V	45	1,2,3-trichloropropane	96-18-4	0.010
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.010
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.010
V	48	1-methyl-2-pyrrolidone	872-50-4	0.010
V	49	2-ethoxyethyl acetate	111-15-9	0.010
V	50	Hydrazine	302-01-2 /7803-57-8	0.010
V	51	strontium chromate*	7789-06-2	0.001
VI	52	1,2-Dichloroethane	107-06-2	0.010
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.010
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.010
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.010
VI	56	Aluminosilicate Refractory Ceramic Fibres*	-	0.001
VI	57	Arsenic acid*	7778-39-4	0.001
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.010
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.010
VI	60	Calcium arsenate*	7778-44-1	0.001
VI	61	Dichromium tris(chromate)*	24613-89-6	0.001
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.010
VI	63	Lead diazide, Lead azide*	13424-46-9	0.001
VI	64	Lead dipicrate*	6477-64-1	0.001
VI	65	Lead styphnate*	15245-44-0	0.001
VI	66	N,N-dimethylacetamide	127-19-5	0.010
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.001
VI	68	Phenolphthalein	77-09-8	0.010
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.001
VI	70	Trilead diarsenate*	3687-31-8	0.001
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.001
VII	72	[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	0.010



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Batch	No.	Substance Name	CAS No.	RL (%)
VII	73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) §	548-62-9	0.010
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.010
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.010
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.010
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol §	561-41-1	0.010
VII	78	Diboron trioxide*	1303-86-2	0.001
VII	79	Formamide	75-12-7	0.010
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.001
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.010
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.010
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.010
VII	84	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	0.010
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.001
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.010
VIII	87	1,2-Diethoxyethane	629-14-1	0.010
VIII	88	1-Bromopropane	106-94-5	0.010
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.010
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.010
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.010
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.010
VIII	93	4-Aminoazobenzene	60-09-3	0.010
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.010
VIII	95	4-Nonylphenol, branched and linear	84852-15-3	0.010
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.010
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.001
VIII	98	Biphenyl-4-ylamine	92-67-1	0.010
VIII	99	Decabromodiphenyl ether (DecaBDE)	1163-19-5	0.010
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	13149-00-3 /14166-21-3 /85-42-7	0.010
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.010
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.010
VIII	103	Diethyl sulphate	64-67-5	0.010



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Batch	No.	Substance Name	CAS No.	RL (%)
VIII	104	Diisopentylphthalate	605-50-5	0.010
VIII	105	Dimethyl sulphate	77-78-1	0.010
VIII	106	Dinoseb	88-85-7	0.010
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.001
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.001
VIII	109	Furan	110-00-9	0.010
VIII	110	Henicosafuoroundecanoic acid	2058-94-8	0.010
VIII	111	Heptacosafuorotetradecanoic acid	376-06-7	0.010
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	-	0.010
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.001
VIII	114	Lead cyanamidate*	20837-86-9	0.001
VIII	115	Lead dinitrate*	10099-74-8	0.001
VIII	116	Lead monoxide*	1317-36-8	0.001
VIII	117	Lead oxide sulfate*	12036-76-9	0.001
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.001
VIII	119	Lead titanium trioxide*	12060-00-3	0.001
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.001
VIII	121	Methoxyacetic acid	625-45-6	0.010
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.010
VIII	123	N,N-Dimethylformamide	68-12-2	0.010
VIII	124	N-Methylacetamide	79-16-3	0.010
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.010
VIII	126	o-Aminoazotoluene	97-56-3	0.010
VIII	127	o-Toluidine	95-53-4	0.010
VIII	128	Pentacosafuorotridecanoic acid	72629-94-8	0.010
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.001
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.001
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.001
VIII	132	Silicic acid, lead salt*	11120-22-2	0.001
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.001
VIII	134	Tetraethyllead*	78-00-2	0.001
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.001
VIII	136	Tricosafuorododecanoic acid	307-55-1	0.010
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.001
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.001
IX	139	4-Nonylphenol, branched and linear, ethoxylated	127087-87-0 /26027-38-3 /37205-87-1 /68412-54-4 /9016-45-9	0.010
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.010
IX	141	Cadmium oxide*	1306-19-0	0.001
IX	142	Cadmium	7440-43-9	0.001
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.010



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Batch	No.	Substance Name	CAS No.	RL (%)
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.010
X	145	Cadmium sulphide*	1306-23-6	0.001
X	146	Dihexyl phthalate	84-75-3	0.010
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.010
X	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	0.010
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.010
X	150	Lead di(acetate)*	301-04-2	0.001
X	151	Trixylyl phosphate	25155-23-1	0.010
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.010
XI	153	Cadmium chloride*	10108-64-2	0.001
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.001
XI	155	Sodium peroxometaborate*	7632-04-4	0.001
XII	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.010
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.010
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.010
XII	159	Cadmium fluoride*	7790-79-6	0.001
XII	160	Cadmium sulphate*	10124-36-4 /31119-53-6	0.001
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 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 & MOTE)	-	0.010
XIII	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	68515-51-5 /68648-93-1	0.010
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-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]	-	0.010
XIV	164	1,3-propanesultone	1120-71-4	0.010
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.010
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.010
XIV	167	Nitrobenzene	98-95-3	0.010



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Batch	No.	Substance Name	CAS No.	RL (%)
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1	0.010
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.010
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.010
XVI	171	4-Heptylphenol, branched and linear	-	0.010
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 /335-76-2 /3830-45-3	0.010
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.010
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.010
XVIII	175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.010
XVIII	176	Benz[a]anthracene	56-55-3	0.010
XVIII	177	Cadmium nitrate*	10325-94-7	0.001
XVIII	178	Cadmium carbonate*	513-78-0	0.001
XVIII	179	Cadmium hydroxide*	21041-95-2	0.001
XVIII	180	Chrysene	218-01-9	0.010
XVIII	181	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]	-	0.010
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	0.010
XIX	183	Benzo[ghi]perylene	191-24-2	0.010
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.010
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.010
XIX	186	Disodium octaborate*	12008-41-2	0.001
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.010
XIX	188	Ethylenediamine (EDA)	107-15-3	0.010
XIX	189	Lead	7439-92-1	0.001
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.010
XIX	191	Terphenyl, hydrogenated	61788-32-7	0.010
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	0.010
XX	193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.010
XX	194	Benzo[k]fluoranthene	207-08-9	0.010
XX	195	Fluoranthene	206-44-0	0.010
XX	196	Phenanthrene	85-01-8	0.010
XX	197	Pyrene	129-00-0	0.010
XXI	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)	-	0.010
XXI	199	2-methoxyethyl acetate	110-49-6	0.010
XXI	200	4-tert-butylphenol (PTBP)	98-54-4	0.010



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Batch	No.	Substance Name	CAS No.	RL (%)
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.010
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.010
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.010
XXII	204	Diisohexyl phthalate	71850-09-4	0.010
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.010
XXIII	206	1-vinylimidazole	1072-63-5	0.010
XXIII	207	2-methylimidazole	693-98-1	0.010
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.010
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin**	22673-19-4	0.010
XXIV	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.010
XXIV	211	Dioctyltin 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**	-	0.010
XXV	212	1,4-Dioxane	123-91-1	0.010
XXV	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)	1522-92-5 /3296-90-0 /36483-57-5 /96-13-9	0.010
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.010
XXV	215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	0.010
XXV	216	Glutaral	111-30-8	0.010
XXV	217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	85535-85-9	0.010
XXV	218	Orthoboric acid, sodium salt*	13840-56-7	0.001
XXV	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)	-	0.010
XXVI	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)	-	0.010
XXVI	221	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC)	119-47-1	0.010
XXVI	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)	255881-94-8	0.010



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		phosphorodithioate		
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.010
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.010
XXVIII	225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	0.010
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.010
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	0.010
XXVIII	228	Barium diboron tetraoxide*	13701-59-2	0.001
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	26040-51-7	0.010
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.010
XXVIII	231	Melamine	108-78-1	0.010
XXVIII	232	Perfluoroheptanoic acid and its salts	-	0.010
XXVIII	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*	-	0.010
XXIX	234	Bis(4-chlorophenyl) sulphone	80-07-9	0.010
XXIX	235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.010
XXX	236	2,4,6-tri-tert-butylphenol	732-26-3	0.010
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	0.010
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.010
XXX	239	Bumetizole (UV-326)	3896-11-5	0.010
XXX	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	0.010
/	241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	0.010
/	242	Triphenyl phosphate	115-86-6	0.010
/	243	Resorcinol	108-46-3	0.010
/	244	Octamethyltrisiloxane	107-51-7	0.010
/	245	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	0.010
/	246	1,1,1,3,5,5,5-heptamethyltrisiloxane	1873-88-7	0.010
/	247	Decamethyltetrasiloxane	141-62-8	0.010
/	248	Dodecamethylpentasiloxane	141-63-9	0.010
/	249	Hexamethyldisiloxane	107-46-0	0.010



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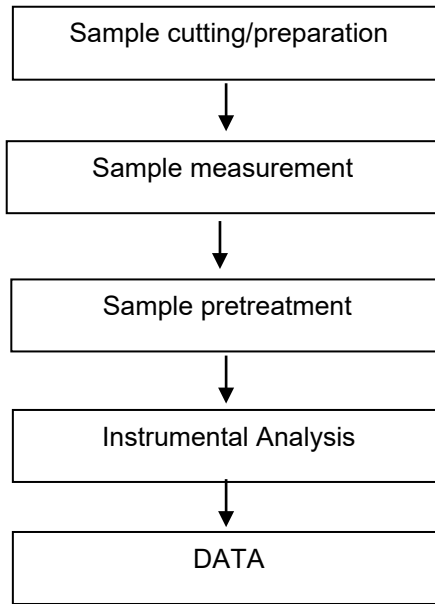
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ATTACHMENTS

Testing Flow Chart



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Sample photos:



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Extractable Heavy Metals - Textile and Others

Test Method: With reference to EN 16711-2:2015, analysis was performed by ICP-MS.

<u>Test Item(s)</u>	<u>CAS No.</u>	<u>Unit(s)</u>	<u>RL</u>	<u>1</u>	<u>Req.</u>
Arsenic(As)	7440-38-2	mg/kg	0.06	ND	0.2
Cadmium(Cd)	7440-43-9	mg/kg	0.03	ND	0.1
Cobalt(Co)	7440-48-4	mg/kg	0.3	ND	1.0
Chromium(Cr)	7440-47-3	mg/kg	0.3	0.9	1.0
Nickel (Ni)	7440-02-0	mg/kg	0.1	ND	1.0
Lead(Pb)	7439-92-1	mg/kg	0.06	ND	0.2
Copper(Cu)	7440-50-8	mg/kg	5.0	ND	25.0
Mercury(Hg)	7439-97-6	mg/kg	0.006	ND	0.02
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Total Cadmium(Cd) - Non-leather

Test Method: With reference to EN 16711-1:2015, analysis was performed by ICP-OES/ICP-MS/AAS.

<u>Test Item(s)</u>	<u>CAS No.</u>	<u>Unit(s)</u>	<u>RL</u>	<u>1</u>	<u>Req.</u>
Cadmium (Cd)	7440-43-9	mg/kg	5	ND	40
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Total Lead in Substrate (Non-metallic materials)

Test Method: With reference to CPSC-CH-E1002-08.3, analysis was performed by AAS/ICP-OES.

<u>Test Item(s)</u>	<u>CAS No.</u>	<u>Unit(s)</u>	<u>RL</u>	<u>1</u>	<u>Req.</u>
Lead(Pb)	7439-92-1	mg/kg	5	ND	40
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit



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Organotin Compounds (Other Materials)

Test Method: With reference to ISO/TS 16179:2012, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1	Req.
Trimethyl tin(TMT)	1066-45-1	mg/kg	0.01	ND	-
Tripropyltin (TPrT)	2279-76-7	mg/kg	0.01	ND	-
Tributyl tin(TBT)	1461-22-9	mg/kg	0.01	ND	0.5
Triphenyl tin(TPhT)	639-58-7	mg/kg	0.01	ND	0.5
Tricyclohexyltin (TCyT)	3091-32-5	mg/kg	0.01	ND	-
Trioctyl tin(TOT)	2587-76-0	mg/kg	0.01	ND	-
Sum of (TBT,TCyT,TMT,TOT,TPhT,TPrT)	-	mg/kg	-	ND	1000
Monobutyl tin(MBT)	78763-54-9	mg/kg	0.01	ND	1
Dibutyl tin(DBT)	683-18-1	mg/kg	0.01	ND	1
Diocetyl tin(DOT)	3542-36-7	mg/kg	0.01	ND	1
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Alkylphenols (AP) & Alkylphenol Ethoxylates (APEO) - Polymers and all other materials, except Textiles and Leather

Test Method: Alkylphenols (AP): With reference to AFIRM RSL 2023 method by solvent extraction. Analysis was conducted by HPLC-MS.
Alkylphenol Ethoxylates (APEO): With reference to EN ISO 18254-1:2016. Analysis was conducted by HPLC-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1	Req.
Nonylphenol (NP)	104-40-5	mg/kg	3	ND	-
	/11066-49-2				
	/25154-52-3				
Octylphenol (OP)	140-66-9	mg/kg	3	ND	-
	/1806-26-4				
	/27193-28-8				
Sum of (NP,OP)	-	mg/kg	-	ND	10
Nonylphenol Ethoxylates (NPEOs)	127087-87-0	mg/kg	10	ND	-
	/26027-38-3				
	/37205-87-1				
	/68412-54-4				
Octylphenol Ethoxylates (OPEOs)	/9016-45-9	mg/kg	10	ND	-
	68987-90-6				
	/9002-93-1				
Sum of (NP,OP,NPEOs,OPEOs)	-	mg/kg	-	ND	100
Conclusion				Pass	



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Remark: ND = Not Detected
RL = Reporting Limit

Chlorinated Paraffins – MCCP

Test Method: With reference to ISO 22818:2021, analysis was performed by GC-NCI-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1	Req.
Medium Chain Chlorinated Paraffin(C ₁₄ -C ₁₇)(MCCP)	85535-85-9	mg/kg	50	ND	1000
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Chlorinated Paraffins – SCCP

Test Method: With reference to ISO 22818:2021, analysis was performed by GC-NCI-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1	Req.
Short Chain Chlorinated Paraffin(C ₁₀ -C ₁₃)(SCCP)	85535-84-8	mg/kg	50	ND	1000
Conclusion				Pass	

Remark: ND = Not Detected
RL = Reporting Limit

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1	Req.
Benzo(a)pyrene(BaP)	50-32-8	mg/kg	0.1	ND	0.5
Benzo(e)pyrene(BeP)	192-97-2	mg/kg	0.1	ND	0.5
Benzo(a)anthracene(BaA)	56-55-3	mg/kg	0.1	ND	0.5
Benzo(b)fluoranthene(BbF)	205-99-2	mg/kg	0.1	ND	0.5
Benzo(j)fluoranthene(BjF)	205-82-3	mg/kg	0.1	ND	0.5
Benzo(k)fluoranthene(BkF)	207-08-9	mg/kg	0.1	ND	0.5
Chrysene(CHR)	218-01-9	mg/kg	0.1	ND	0.5
Dibenzo(a,h)anthracene(DBA)	53-70-3	mg/kg	0.1	ND	0.5
Benzo(g,h,i)perylene(BPE)	191-24-2	mg/kg	0.1	ND	0.5
Indeno(1,2,3-c,d)pyrene(IPY)	193-39-5	mg/kg	0.1	ND	0.5
Phenanthrene(PHE)	85-01-8	mg/kg	0.1	ND	-
Pyrene(PYR)	129-00-0	mg/kg	0.1	ND	-
Anthracene(ANT)	120-12-7	mg/kg	0.1	ND	-
Fluoranthene(FLT)	206-44-0	mg/kg	0.1	ND	-
Naphthalene(NAP)	91-20-3	mg/kg	0.1	ND	-
Sum of PAHs	-	mg/kg	-	ND	10
Conclusion				Pass	

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Remark: ND = Not Detected
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Phthalates

Test Method: With reference to CPSC-CH-C1001-09.4, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	RL	1	Req.
Dibutyl Phthalate(DBP)	84-74-2	mg/kg	15	ND	50
Benzyl Butyl Phthalate(BBP)	85-68-7	mg/kg	15	ND	50
Bis-(2-ethylhexyl) Phthalate(DEHP)	117-81-7	mg/kg	15	ND	50
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	mg/kg	15	ND	50
Di-n-Octyl Phthalate(DNOP)	117-84-0	mg/kg	15	ND	50
Diisodecyl ortho-phthalate(DIDP)	26761-40-0 /68515-49-1	mg/kg	15	ND	50
Bis(2-methoxyethyl)phthalate(DMEP)	117-82-8	mg/kg	15	ND	50
Dipentyl Phthalate(DPP/DPENP)	131-18-0	mg/kg	15	ND	50
Diisopentyl Phthalate(DIPP)	605-50-5	mg/kg	15	ND	50
Diisobutyl Phthalate(DIBP)	84-69-5	mg/kg	15	ND	50
Di-n-Hexyl Phthalate(DnHP)	84-75-3	mg/kg	15	ND	50
1,2-Benzenedicarboxylic Acid,Di-C7-11- Branched and Linear Alkyl Esters(DHNUP)	68515-42-4	mg/kg	15	ND	50
Dimethyl Phthalate(DMP)	131-11-3	mg/kg	15	ND	50
Diethyl Phthalate(DEP)	84-66-2	mg/kg	15	ND	50
n-pentyl Isopentyl Phthalate(nPIPP)	776297-69-9	mg/kg	15	ND	50
1,2-Benzenedicarboxylic Acid,di-C6-8- branched alkyl esters,C7-rich(DIHP)	71888-89-6	mg/kg	15	ND	50
1,2-Benzenedicarboxylic Acid,Dipentyl Ester,Branched and Linear	84777-06-0	mg/kg	15	ND	50
Dihexyl phthalate (DHXP)	68515-50-4	mg/kg	15	ND	50
Dicyclohexyl Phthalate(DCHP)	84-61-7	mg/kg	15	ND	50
Di-iso-hexylphthalate(DIHxP)	71850-09-4	mg/kg	15	ND	50
Sum of Phthalates	-	mg/kg	-	ND	50

Conclusion

Pass

Remark: ND = Not Detected
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Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report



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