

Report Number: JKTH19002593-REV1

Nov 13, 2019

This is Supersedes Report No. JKTH19002593, Dated Aug 19, 2019

Date:

Applicant: PT. Inocycle Technology Group Tbk

Jl. Solo-Purwodadi Km 7,2 Selorejo Rt 02 Rw 09 Wonorejo Gondangrejo Karanganyar

Attn: Bp Ulul Azmi

Sample description:

One (1) bag of submitted sample said to be:

Material Name : Polyester Staple Fiber

Colors : White

Date sample received : Aug 02, 2019

Testing period : Aug 08, 2019 to Aug 19, 2019



Test conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

Tested samples
Submitted sample

Standard
EU REACH Regulation No 1907/2006 Article 33(1)

Result
Pass

Obligation to provide information of safe use (see

REACH requirement in report for details)

Reason for revision:

As per client request to change Applicant Name from PT Hilon Felt to PT. Inocycle Technology Group Tbk

Prepared and checked by: For Intertek Indonesia

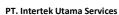


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Test conducted:

SVHC Testing

By a combination of Inductively Coupled Argon Plasma Spectrometry, Gas Chromatography – Mass Spectrometry, Liquid Chromatography - Mass Spectrometry, UV-VIS Spectrophotometer, Gas Chromatography - Electron Capture Detector, Headspace Gas Chromatography - Mass Spectrometry and High-Performance Liquid Chromatography.

(a) The First List (15 SVHC Released in October, 2008)

<u>(u) 111</u>	e i list List (15 5 vi 16 Heleased III October, 2	.000)	
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
1	Cobalt Dichloride Δ	7646-79-9	ND
2	Diarsenic Pentaoxide Δ	1303-28-2	ND
3	Diarsenic Trioxide Δ	1327-53-3	ND
4	Lead Hydrogen Arsenate ∆	7784-40-9	ND
5	Triethyl Arsenate ∆	15606-95-8	ND
6	Sodium Dichromate Δ	7789-12-0, 10588-01-9	ND
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	ND
8	Anthracene	120-12-7	ND
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	ND
10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	ND
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	ND
12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND
13	Dibutyl Phthalate (DBP)	84-74-2	ND
14	Benzyl Butyl Phthalate (BBP)	85-68-7	ND
15	Short Chain Chlorinated Paraffins (C ₁₀₋₁₃)	85535-84-8	ND

(b) The Second List (13 SVHC Release in Jan, 2010 and Mar, 2010)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
16	Lead Chromate Δ	7758-97-6	ND
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	ND
18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ	1344-37-2	ND
19	Tris (2-Chloroethyl) Phosphate	115-96-8	ND
20	2,4-Dinitrotoluene	121-14-2	ND
21	Diisobutyl Phthalate (DIBP)	84-69-5	ND
22	Coal Tar Pitch, High Temperature	65996-93-2	ND
23	Anthracene Oil	90640-80-5	ND
24	Anthracene Oil, Anthracene Paste, Distn.	91995-17-4	ND

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	Lights		
25	Anthracene Oil, Anthracene Paste,	91995-15-2	ND
25	Anthracene Fraction	91995-15-2	
26	Anthracene Oil, Anthracene-low	90640-82-7	ND
27	Anthracene Oil, Anthracene Paste	90640-81-6	ND
28	Acrylamide	79-06-1	ND

c) The Third List (8 SVHC Release in Jun, 2010)

ic rime	LIST (0 0 VI 10 I TETE dise III dull, 2010)		
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
29	Boric Acid Δ	10043-35-3, 11113-50-1	ND
30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4	ND
31	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	ND
32	Sodium Chromate Δ	7775-11-3	ND
33	Potassium Chromate Δ	7789-00-6	ND
34	Ammonium Dichromate Δ	7789-09-5	ND
35	Potassium Dichromate Δ	7778-50-9	ND
36	Trichloroethylene	79-01-6	ND

(d) The Fourth List (8 SVHC Release in Dec, 2010)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
37	2-Methoxyethanol	109-86-4	ND
38	2-Ethoxyethanol	110-80-5	ND
39	Cobalt Sulphate Δ	10124-43-3	ND
40	Cobalt Dinitrate Δ	10141-05-6	ND
41	Cobalt Carbonate Δ	513-79-1	ND
42	Cobalt Diacetate Δ	71-48-7	ND
43	Chromium Trioxide Δ	1333-82-0	ND
44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5 13530-68-2 	ND

(e) The Fifth List (7 SVHC Release in Jun, 2011)

(6) 11	e i iitii List (7 3 vi io Nelease III Juli, 20 i i)		
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
45	Strontium Chromate∆	7789-06-2	ND
46	2-ethoxyethyl acetate (2-EEA)	111-15-9	ND
47	1,2-Benzenedicarboxylic acid, di-C ₇₋₁₁ - branched and linear alkyl esters (DHNUP)	68515-42-4	ND
48	Hydrazine	7803-57-8	ND

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		302-01-2	
49	1-methyl-2-pyrrolidone	872-50-4	ND
50	1,2,3-trichloropropane	96-18-4	ND
51	1,2-Benzenedicarboxylic acid, di-C ₆₋₈ -branched alkyl esters, C ₇ -rich (DIHP)	71888-89-6	ND

(f) The Sixth List (20 SVHC Release in Dec, 2011)

<u>, inc o</u>	XIII LISI (20 5 VIII nelease III Dec, 2011)		
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
52	Lead dipicrate∆	6477-64-1	ND
53	Lead styphnate∆	15245-44-0	ND
54	Lead azide; Lead diazide∆	13424-46-9	ND
55	Phenolphthalein	77-09-8	ND
56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	ND
57	N,N-dimethylacetamide (DMAC)	127-19-5	ND
58	Trilead diarsenate∆	3687-31-8	ND
59	Calcium arsenate∆	7778-44-1	ND
60	Arsenic acid∆	7778-39-4	ND
61	Bis(2-methoxyethyl) ether	111-96-6	ND
62	1,2-Dichloroethane	107-06-2	ND
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	ND
64	2-Methoxyaniline; o-Anisidine	90-04-0	ND
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	ND
67	Pentazinc chromate octahydroxide∆	49663-84-5	ND
68	Potassium hydroxyoctaoxodizincate di-chromate∆	11103-86-9	ND
69	Dichromium tris(chromate)∆	24613-89-6	ND
70	Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	ND
71	Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	ND

(g) The Seventh List (13 SVHC Release in Jun, 2012)

(9) 11	(g) The Seventh List (15 SVTIO Helease in Sun, 2012)			
No.	Chemical Substance	CAS No.	<u>Results % (w/w)</u> Whole product	
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	ND	
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	ND	
74	Diboron trioxide∆	1303-86-2	ND	
75	Formamide	75-12-7	ND	
76	Lead(II) bis(methanesulfonate) Δ	17570-76-2	ND	
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-	2451-62-9	ND	

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No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
	triazine-2,4,6(1H,3H,5H)-trione)		
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	ND
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	ND
80	N,N,N',N'-tetramethyl-4,4'- methylenedianiline (Michler's base)	101-61-1	ND
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	ND
82	[4-[[4-anilino-1-naphthyl]][4- (dimethylamino)phenyl]methylene]cycloh exa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	ND
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	ND
84	4,4'-bis(dimethylamino)-4"- (methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	ND

(h) The Eighth List (54 SVHC Release in Dec, 2012)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	ND
86	Pentacosafluorotridecanoic acid	72629-94-8	ND
87	Tricosafluorododecanoic acid	307-55-1	ND
88	Henicosafluoroundecanoic acid	2058-94-8	ND
89	Heptacosafluorotetradecanoic acid	376-06-7	ND
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	ND
91	Cyclohexane-1,2-dicarboxylic anhydride [1]	85-42-7	ND
	cis-cyclohexane-1,2-dicarboxylic	13149-00-3	

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No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
	anhydride [2]		
	trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans- isomers [1] are covered	14166-21-3	
	by this entry].		
	Hexahydromethylphthalic anhydride [1],	25550-51-0	
	Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride	19438-60-9	
92	[3], Hexahydro-3-methylphthalic anhydride [4]	48122-14-1	ND
	[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	57110-29-9	
93	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]		ND
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]		ND
95	Methoxyacetic acid	625-45-6	ND ND
96	N,N-dimethylformamide	68-12-2	ND ND
97	Dibutyltin dichloride (DBTC) Δ	683-18-1	ND ND
98	Lead monoxide (Lead oxide) A	1317-36-8	ND ND
99	Orange lead (Lead tetroxide) Δ Lead bis(tetrafluoroborate) Δ	1314-41-6	ND ND
100	Trilead bis(carbonate)dihydroxide Δ	13814-96-5 1319-46-6	ND ND
101	Lead titanium trioxide Δ	12060-00-3	ND ND
102	Lead titanium tiloxide Δ	12626-81-2	ND ND
103	Silicic acid, lead salt Δ	11120-22-2	ND ND
105	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped∆	68784-75-8	ND

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No.	Chemical Substance	CAS No.	Results % (w/w)
110.	<u>Orientical Substance</u>	<u>0A8 NO.</u>	Whole product
	[with lead (Pb) content above the		
	applicable generic concentration limit for		
	'toxicity for reproduction' Repr. 1A (CLP)		
	or category 1 (DSD); the substance is a		
	member of the group entry of lead		
	compounds, with index number 082-001-		
	00-6 in Regulation (EC) No 1272/2008]		
106	1-bromopropane (n-propyl bromide)	106-94-5	ND
107	Methyloxirane (Propylene oxide)	75-56-9	ND
108	1,2-Benzenedicarboxylic acid,	84777-06-0	ND
	dipentylester, branched and linear		
109	Diisopentylphthalate (DIPP)	605-50-5	ND ND
110	N-pentyl-isopentylphthalate	776297-69-9	ND ND
111	1,2-diethoxyethane	629-14-1	ND ND
112	Acetic acid, lead salt, basic∆	51404-69-4	ND ND
113	Lead oxide sulfate∆	12036-76-9	ND ND
114	[Phthalato(2-)]dioxotrilead∆	69011-06-9	ND ND
115	Dioxobis(stearato)trilead∆	12578-12-0	ND NB
116	Fatty acids, C16-18, lead salts∆	91031-62-8	ND ND
117	Lead cyanamidate∆	20837-86-9	ND ND
118	Lead dinitrate∆	10099-74-8	ND ND
119	Pentalead tetraoxide sulphate∆	12065-90-6	ND ND
120	Pyrochlore, antimony lead yellow∆	8012-00-8	ND ND
121	Sulfurous acid, lead salt, dibasic∆	62229-08-7	ND NB
122	Tetraethyllead∆	78-00-2	ND ND
123	Tetralead trioxide sulphate∆	12202-17-4	ND ND
124	Trilead dioxide phosphonate∆	12141-20-7	ND ND
125	Furan	110-00-9	ND ND
126	Diethyl sulphate	64-67-5	ND ND
127	Dimethyl sulphate	77-78-1	ND
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-	143860-04-2	ND
	oxazolidine		
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	ND ND
130	4,4'-methylenedi-o-toluidine	838-88-0	ND ND
131	4,4'-oxydianiline and its salts	101-80-4	ND ND
132	4-aminoazobenzene	60-09-3	ND
133	4-methyl-m-phenylenediamine (toluene- 2,4-diamine)	95-80-7	ND
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	ND
135	Biphenyl-4-ylamine	92-67-1	ND
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine])	97-56-3	ND
137	o-toluidine	95-53-4	ND
138	N-methylacetamide	79-16-3	ND

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(i) The ninth List (6 SVHC Release in Jun. 2013)

(i) The	(i) The ninth List (6 SVHC Release in Jun, 2013)				
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product		
139	Cadmium∆	7440-43-9	ND		
140	Cadmium oxide∆	1306-19-0	ND		
141	Dipentyl phthalate (DPP)	131-18-0	ND		
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]		ND		
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	ND		
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	ND		

(j) The tenth List (7 SVHC Release in Dec, 2013)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
145	Cadmium sulphide∆	1306-23-6	ND
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)	573-58-0	ND
147	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	ND
148	Dihexyl phthalate	84-75-3	ND
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	ND
150	Lead di(acetate) Δ	301-04-2	ND
151	Trixylyl phosphate	25155-23-1	ND

(k) The eleventh List (4 SVHC Release in Jun, 2014)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	ND
153	Cadmium chloride∆	10108-64-2	ND

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154	Sodium perborate; Perboric acid, sodium salt∆	15120-21-5; 11138-47-9	ND
155	Sodium peroxometaborate∆	7632-04-4	ND

(I) The twelfth List (6 SVHC Release in December, 2014)

(1) 1110	The twenth List (0 3 vi io riclease in December, 2014)				
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product		
156	2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328)	25973-55-1	ND		
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	ND		
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	ND		
159	Cadmium fluoride∆	7790-79-6	ND		
160	Cadmium sulphate∆	10124-36-4; 31119-53-6	ND		
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)		ND		

(m) The thirteenth List (2 SVHC Release in June, 2015)

(111)	The time contract (2 ovino release in bane, 2015)				
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product		
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	ND		
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]		ND		

(n) The fourteenth List (5 SVHC Release in December, 2015)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
164	1,3-Propanesultone	1120-71-4	ND

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165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol- 2-yl) phenol (UV-327)	3864-99-1	ND
166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6- (sec-butyl)phenol (UV-350)	36437-37-3	ND
167	Nitrobenzene	98-95-3	ND
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 ; 21049-39-8 ; 4149-60-4	ND

(o) The fifteenth List (1 SVHC Release in June, 2016)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	ND

(p) The sixteenth List (4 SVHC Release in January, 2017)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	ND
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3 CAS no.: 335-76-2 Ammonium nonadecafluorodecanoate EC no.: 221-470-5 CAS no.: 3108-42-7 Decanoic acid, nonadecafluoro-, sodium salt EC no.: - CAS no.: 3830-45-3		ND
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]		ND
173	p-(1,1-dimethylpropyl)phenol	80-46-6	ND

(q) The seventeenth List (1 SVHC Release in July, 2017)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
174	Perfluorohexane-1-sulphonic acid and its salt (PFHxS)		ND

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(r) The eighteenth List (7 SVHC Release in Jan, 2018)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
175	Benz[a]anthracene	56-55-3	ND
176	Cadmium nitrate∆	10325-94-7	ND
177	Cadmium carbonate∆	513-78-0	ND
178	Cadmium hydroxide∆	21041-95-2	ND
179	Chrysene	218-01-9	ND
180	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"TM) [covering any of its individual anti- and syn-isomers or any combination thereof]		ND
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]		ND

(s) The Nineteenth List (10 SVHC Release in Jun, 2018)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	ND
183	Decamethylcyclopentasiloxane (D5)	541-02-6	ND
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND
185	Lead	7439-92-1	ND
186	Disodium octaborate	12008-41-2	ND
187	Benzo[ghi]perylene	191-24-2	ND
188	Terphenyl hydrogenated	61788-32-7	ND
189	Ethylenediamine (EDA)	107-15-3	ND
190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (Trimellitic anhydride) (TMA)	552-30-7	ND
191	Dicyclohexyl phthalate (DCHP)	84-61-7	ND

(t) The Twentieth List (6 SVHC Propose in Sep, 2018)

(-)		/	
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
192	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	6807-17-6	ND
193	Benzo[k]fluoranthene	207-08-9	ND
194	Fluoranthene	206-44-0	ND
195	Phenanthrene	85-01-8	ND

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196	Pyrene	129-00-0	ND
197	1,7,7-trimethyl-3- (phenylmethylene)bicyclo[2.2.1]heptan-2- one (3-benzylidene camphor)	15087-24-8	ND

(u) The Twenty-first List (4 SVHC Release in July, 2019)

	(a) The Twenty mot Elet (Tevrie ricidase modify, 2010)		
No.	Chemical Substance	CAS No.	Results % (w/w) Whole product
198	4-tert-butylphenol (PTBP)	98-54-4	ND
199	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	ND
200	2-methoxyethyl acetate	110-49-6	ND
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	ND

Reporting limit=0.010% (raw material)

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

Reporting limit = Quantitation limit of analyte in sample

 Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

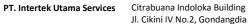
- 1. Substances of very high concern (SVHC) are classified as:
 - a. Carcinogenic, mutagenic or toxic to reproduction category 1 (proven on humans) and category 2 (proven on animals)
 - b. Persistent, bioaccumulative and toxic chemicals (PBT)
 - c. Very persistent and very bioaccumulative chemicals (vPvB)
 - d. Other similar substances such as endocrine disrupters
- 2. If the imported or manufactured volume of each individual SVHC in article is more than 0.1% (w/w) and if it exceeds 1 tonne per year across all product ranges, then importer or manufacturer require notification to the European Chemical Agency (ECHA). For substances included in the Candidate List on or after 1 December 2010, the notifications have to be submitted no later than 6 months after the inclusion. The following information has to be submitted for notification:
 - a. Identification of the registrant and the substance
 - b. Classification and labelling of the substance
 - c. Description of use of the substance and the article
 - d. Registration number, if available

Jakarta 10330, Indonesia

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e. Tonnage range

3. As per article 31 of regulation (EC) No. 1907/2006 (REACH), suppliers of mixtures not classified as dangerous according to directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the mixtures contain at least one substance on the SVHC candidate list and its individual concentration is 0.1%(w/w) or above for non-gaseous preparations.

REACH requirement:

As per article 33(1) of regulation (EC) No. 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

End of report

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