

Rapport d'essais

Test Report

No. RN24-01159.002

Date: 20/02/2024

Page 1 of 14

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SPRINTER

26 A GAY LUSSAC

94430 CHENNEVIERES SUR MARNE

FRANCE

L'échantillon ci-dessous a été fourni par le client sous la dénomination :

The following sample(s) was/were submitted by the client as:

No. Dossier SGS / <i>SGS Job No.</i>	:	RN24-01159.002
No. Devis SGS / <i>SGS Offer No.</i>	:	DR24-00090
No. Commande client / <i>Order No.</i>	:	BON POUR ACCORD DU DEVIS
Description échantillon / <i>Sample description</i>	:	TOILE 100 % POLYESTER ENDUITE – TexSprint Nature Greyback 265 M1
Contact	:	M. PEREZ Julien
Date de réception des échantillons <i>Date of Sample Received</i>	:	02/02/2024
Période de test <i>Testing Period</i>	:	02/02/2024 – 20/02/2024

Tests requis / *Test Requested* :

Screening SVHC selon les dispositions suivantes :

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

- L'approche packages consiste à rechercher les substances les plus pertinentes en fonction du groupe de matière parmi les 235+2 SVHC de la liste candidate des substances très préoccupantes à l'autorisation publiée par l'agence Européenne des produits Chimiques (ECHA) datant du 14 juin 2023 suivant le règlement REACH (CE) No 1907/2006 et de l'arrêté français du 30 août 2023.

Package approach including the SVHC with highest risk of presence according to the tested material amongst two hundred and thirty-five (235+2) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before June 14th, 2023 regarding Regulation (EC) No 1907/2006 concerning the REACH and the French decree of August 30 2023.

Résultat(s) des tests / *Test Result(s)* : Se référer aux pages suivantes / *Please refer to next page(s).*

(1) Assays subcontracted in a SGS laboratory

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Résumé / Summary:

D'après les méthodes utilisées et les techniques analytiques, aucune SVHC testée n'a été détectée au-delà de 0.1%(m/m) dans l'échantillon soumis à essais.
According to the specified scope and analytical techniques, concentrations of tested SVHC are lower than 0.1% (w/w) in the submitted sample.

Les SVHC suivantes pourraient être présentes à une concentration supérieure à 0.1%(m/m) dans l'échantillon soumis à essais :
Potential SVHC with concentration higher than 0.1% (w/w) that could be present in the submitted sample:

- 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*

* Se référer à la note 2 de l'annexe.

** Please refer to Note 2 on the following page*

ATTENTION
 (Remarque 2 et 3)
WARNING
 (Remark 2 and 3)

- Motif de la révision / Reason for revision :

Ajout de la mention M1 (relatif à la norme feu) dans la référence produit

Addition of the mention M1 (relating to the fire standard) in the product reference

Signé par et pour/Signed for and on behalf of
 SGS France

Nom / Name : Sarah LEGRAND

Titre / Title : Expert Technique

Tel. : 06 30 24 64 42

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Remarques / Notes :

1. Les analyses chimiques des SVHC spécifiées ont été réalisées au moyen des techniques analytiques actuellement existantes et selon les documents suivants liés aux SVHC publiés par l'ECHA :

<http://echa.europa.eu/web/guest/candidate-list-table> (Liste candidate)

Cette liste est sous l'évaluation constante de l'ECHA et peut être sujette à modification dans le futur.

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> (Candidate list)

The list is under evaluation by ECHA and may subject to change in the future.

2. En accord avec le Règlement (EC) No 1907/2006, tout fabricant européen ou importateur d'articles doit notifier à l'ECHA, en accord avec le paragraphe 4 de l'Article 7, si une substance répond aux critères de l'Article 57 et qu'elle a été identifiée selon l'Article 59(1) du Règlement, si (a) la substance de la Liste Candidate est présente dans ces articles en quantité totale au-delà de une tonne par fabricant ou importateur par an et si (b) la substance de la Liste Candidate est présente dans ces articles au-delà d'une concentration de 0,1% masse/masse (m/m).

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).

3. L'Article 33 du Règlement (EC) No 1907/2006 exige des fournisseurs d'un article contenant une substance répondant aux critères de l'Article 57 et identifiée selon l'Article 59(1) en concentration au-delà de 0.1% masse/masse (m/m) qu'ils fournissent aux destinataires de l'article des informations suffisantes pour assurer un usage en toute sécurité de l'article, incluant au minimum, le nom de la substance de la Liste Candidate.

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.

4. Si une SVHC est détectée au-delà de la limite de report, il est conseillé au client d'identifier la partie de l'article qui contient la SVHC ainsi que sa concentration exacte en demandant une analyse quantitative supplémentaire au laboratoire.

If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

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Article soumis à essais / Test Sample

Description de l'échantillon / Sample Description :

Material group	Component No.	Component Description	Photo
OM1	1	Plastique souple / <i>Soft plastic</i>	

Remarques / Notes :

- OM = Matière Organique
OM = Organic Matter
- Les revêtements et impressions sont testés avec la matière du support.
The coating / printed material is tested together with the base substrate, the test result is the actual concentration from laboratory testing

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RESULTATS des TESTS – Liste Candidate Règlement REACH (EC) No 1907/2006

TEST RESULTS – Candidate List REACH Regulation (EC) No 1907/2006

- GROUPE ORGANIQUE / ORGANIC GROUP

Méthodes de test / Test Methods:

Méthodes internes SGS / SGS in-house methods:

- ME402 (digestion acide micro-ondes) suivi de ME532 (ICP-AES) / *ME402 (microwave acid digestion) followed by ME532 (ICP-OES)* ;
- ME357 (GC-MS);
- RSTS-CHEM-209-1 (CI-GC-MS) ;
- LC-MS-MS ;
- LC-DAD-MS ⁽¹⁾ ;
- Calcination – Chromatographie ionique / *Calcination followed by Ion Chromatography*.

Résultats (par groupe organique) / Test Results (per organic group):

No. SVHC	Nom de la Substance <i>Substance Name</i>	CAS No. / EC No.	LR (%)	Concentration (% w/w)
				OM1
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	0.05	0.212

Notes:

1. ND = Non détecté (inférieur à LR). ND est indiqué pour la substance SVHC.
ND = Not detected (lower than RL). ND is denoted on the SVHC substance.
2. Les tableaux ci-dessus reportent uniquement les SVHC détectées au-delà de la limite de report (LR). Pour les SVHC inférieures à la limite de report (LR), se référer aux tableaux des SVHC testées par groupe de matière en annexe.
The table above only show detected SVHC. SVHC that are below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
3. Les résultats sont exprimés en concentration de SVHC par groupe de matière homogène déterminés et testés au laboratoire. La fraction massique sur l'article entier n'est pas prise en compte. Le résultat est calculé à partir de la masse de la plus petite partie du groupe de matière. Des analyses supplémentaires sont recommandées afin de connaître la concentration exacte de SVHC dans chaque composant individuel.
Test result that shown as per test group is the actual concentration from laboratory testing. The weight fraction as per whole article is not considered. The test result is calculated by minimum sample weight. Confirmation testing is recommended as to understand the exact content of SVHC in each individual component.

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Photo de l'échantillon / Sample photo:



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Annexe (SVHC groupe organique)

Appendix (SVHC organic group)

No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
Candidate List of Substances of Very High Concern (SVHC) for authorization published on October 28, 2008							
1	4,4'-Diaminodiphenylmethane (MDA)	101-77-9/ 202-974-4	0.10	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8/ 287-476-5	0.10
5	Benzyl butyl phthalate (BBP)	85-68-7/ 201-622-7	0.10	6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7/ 204-211-0	0.10
7	Bis(tributyltin)oxide (TBTO)*	56-35-9/ 200-268-0	0.10	8	Cobalt dichloride*	7646-79-9/ 231-589-4	0.05
9	Diarsenic pentaoxide*	1303-28-2/ 215-116-9	0.05	10	Diarsenic trioxide*	1327-53-3/ 215-481-4	0.05
11	Dibutyl phthalate (DBP)	84-74-2/ 201-557-4	0.10	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD) ^Δ	25637-99-4 3194-55-6/ 247-148-4 221-695-9	0.10
13	Lead hydrogen arsenate*	7784-40-9/ 232-064-2	0.05	14	Sodium dichromate*	7789-12-0/ 10588-01-9/ 234-190-3	0.05
15	Triethyl arsenate*	15606-95-8/ 427-700-2	0.05				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on January 13, 2010							
16	2,4-Dinitrotoluene	121-14-2/ 204-450-0	0.10	22	Diisobutyl phthalate	84-69-5/ 201-553-2	0.10
23	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8/ 235-759-9	0.05	24	Lead chromate*	7758-97-6/ 231-846-0	0.05
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2/ 215-693-7	0.05	27	Tris(2-chloroethyl)phosphate	115-96-8/ 204-118-5	0.05
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 18, 2010							
29	Ammonium dichromate*	7789-09-5/ 232-143-1	0.05	30	Boric acid*	10043-35-3/ 233-139-2; 11113-50-1/ 234-343-4	0.05
31	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3/ 215-540-4	0.05	32	Potassium chromate*	7789-00-6/ 232-140-5	0.05
33	Potassium dichromate*	7778-50-9/ 231-906-6	0.05	34	Sodium chromate*	7775-11-3/ 231-889-5	0.05
35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1/ 235-541-3	0.05	36	Trichloroethylene	79-01-6/ 201-167-4	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on December 15, 2010							
39	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid*	7738-94-5/ 231-801-5; 13530-68-2/ 236-881-5	0.05	40	Chromium trioxide*	1333-82-0/ 215-607-8	0.05
41	Cobalt(II) carbonate*	513-79-1/ 208-169-4	0.05	42	Cobalt(II) diacetate*	71-48-7/ 200-755-8	0.05
43	Cobalt(II) dinitrate*	10141-05-6/ 233-402-1	0.05	44	Cobalt(II) sulphate*	10124-43-3/ 233-334-2	0.05
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 20, 2011							
45	1,2,3-Trichloropropane	96-18-4/ 202-486-1	0.10	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6/ 276-158-1	0.10
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4/ 271-084-6	0.10	48	N-methyl-2-pyrrolidone (1-methyl-2-pyrrolidone)	872-50-4/ 212-828-1	0.10

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No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
49	2-Ethoxyethyl acetate	111-15-9/ 203-839-2	0.10	51	Strontium chromate*	7789-06-2/ 232-142-6	0.05
Candidate List of Substances of Very High Concern (SVHC) for authorization published on December 19, 2011							
53	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4/ 202-918-9	0.10	54	2-Methoxyaniline (o-Anisidine) ⁽¹⁾	90-04-0/ 201-963-1	0.10
55	4-tert-Octylphenol	140-66-9/ 205-426-2	0.10	57	Arsenic acid*	7778-39-4/ 231-901-9	0.05
58	Bis(2-methoxyethyl) ether	111-96-6/ 203-924-4	0.10	59	Bis(2-methoxyethyl) phthalate	117-82-8/ 204-212-6	0.10
60	Calcium arsenate*	7778-44-1/ 231-904-5	0.05	61	Dichromium tris(chromate)*	24613-89-6/ 246-356-2	0.05
62	Formaldehyde, oligomeric reaction products with aniline (technical MDA or PMDA or Poly(aminophenyl)methyl)aniline)	25214-70-4/ 500-036-1	0.10	63	Lead diazide*	13424-46-9/ 236-542-1	0.05
64	Lead dipicrate*	6477-64-1/ 229-335-2	0.05	65	Lead styphnate*	15245-44-0/ 239-290-0	0.05
66	N,N-dimethylacetamide (DMAC)	127-19-5/ 204-826-4	0.10	67	Pentazinc chromate octahydroxide*	49663-84-5/ 256-418-0	0.05
69	Potassium hydroxyoctaoxidizedichromate*	11103-86-9/ 234-329-8	0.05	70	Trilead diarsenate*	3687-31-8/ 222-979-5	0.05
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 18, 2012							
72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) ⁽¹⁾	2580-56-5/ 219-943-6	0.10	73	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (CI Basic Violet 3) ⁽¹⁾	548-62-9/ 208-953-6	0.10
74	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2/ 203-977-3	0.10	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4/ 203-794-9	0.10
76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8/ 202-027-5	0.10	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol ⁽¹⁾	561-41-1/ 209-218-2	0.10
78	Diboron trioxide*	1303-86-2/ 215-125-8	0.05	79	Formamide	75-12-7/ 200-842-0	0.10
80	Lead(II) bis(methanesulfonate)*	17570-76-2/ 401-750-5	0.05	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1/ 202-959-2	0.10
82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9/ 219-514-3	0.10	83	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) ⁽¹⁾	6786-83-0/ 229-851-8	0.10
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/ 423-400-0	0.10				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on December 19, 2012							
85	[Phthalato(2-)]dioxotrilead *	69011-06-9/ 273-688-5	0.05	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0/ 284-032-2	0.10
88	1-Bromopropane	106-94-5/ 203-445-0	0.10	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2/ 421-150-7	0.10
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated 4-tert-Octylphenol ethoxylates	-	0.10	91	4,4'-methylenedi-o-toluidine	838-88-0/ 212-658-8	0.10
92	4,4'-oxydianiline and its salts ⁽¹⁾	101-80-4/ 202-977-0	0.10	93	4-Aminoazobenzene 4-Phenylazoaniline ⁽¹⁾	60-09-3/ 200-453-6	0.10
94	4-methyl-m-phenylenediamine 2,4-toluene-diamine toluene-2,4-diamine ⁽¹⁾	95-80-7/ 202-453-1	0.10	95	4-Nonylphenol, branched and linear	-	0.10
96	6-methoxy-m-toluidine p-cresidine ⁽¹⁾	120-71-8/ 204-419-1	0.10	97	Acetic acid, lead salt, basic*	51404-69-4/ 257-175-3	0.05
98	Biphenyl-4-ylamine 4-aminobiphenyl xenylamine ⁽¹⁾	92-67-1/ 202-177-1	0.10	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5/ 214-604-9	0.10
101	Dibutyltin dichloride (DBTC)*	683-18-1/ 211-670-0	0.10	102	Diethyl sulphate	64-67-5/ 200-589-6	0.10

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103	Diisopentylphthalate (DIPP)	605-50-5/ 210-088-4	0.10	104	Dimethyl sulphate	77-78-1/ 201-058-1	0.10
105	Dinoseb	88-85-7/ 201-861-7	0.10	106	Dioxobis(stearato)trilead*	12578-12-0/ 235-702-8	0.05
107	Fatty acids, C16-18, lead salts*	91031-62-8/ 292-966-7	0.05	109	Henicosafuoroundecanoic acid*	2058-94-8/ 218-165-4	0.10
110	Heptacosafuorotetradecanoic acid*	376-06-7/ 206-803-4	0.10	111	Hexahydro-2-benzofuran-1,3-dione, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7/ 201-604-9; 13149-00-3/ 236-086-3; 14166-21-3/ 238-009-9	0.10
112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0/ 247-094-1; 19438-60-9/ 243-072-0; 48122-14-1/ 256-356-4; 57110-29-9/ 260-566-1	0.10	113	Lead bis(tetrafluoroborate)*	13814-96-5/ 237-486-0	0.05
114	Lead cyanamidate*	20837-86-9/ 244-073-9	0.05	115	Lead dinitrate*	10099-74-8/ 233-245-9	0.05
116	Lead monoxide *	1317-36-8/ 215-267-0	0.05	117	Lead oxide sulphate *	12036-76-9/ 234-853-7	0.05
118	Lead tetroxide *	1314-41-6/ 215-235-6	0.05	119	Lead titanium trioxide*	12060-00-3/ 235-038-9	0.05
120	Lead titanium zirconium oxide*	12626-81-2/ 235-727-4	0.05	121	Methoxyacetic acid (MAA)	625-45- 6/210-894-6	0.10
122	N,N-Dimethylformamide	68-12-2/ 200-679-5	0.10	124	N-Pentyl-isopentylphthalate	776297-69-9 /-	0.10
125	o-aminoazotoluene ⁽¹⁾	97-56-3/ 202-591-2	0.10	126	o-Toluidine 2-Aminotoluene ⁽¹⁾	95-53-4/ 202- 429-0	0.10
127	Pentacosafuorotridecanoic acid*	72629-94-8/ 276-745-2	0.10	128	Pentalead tetraoxide sulphate*	12065-90-6/ 235-067-7	0.05
130	Pyrochlore, antimony lead yellow*	8012-00-8/ 232-382-1	0.05	131	Silicic acid, barium salt, lead-doped*	68784-75-8/ 272-271-5	0.05
132	Silicic acid, lead salt*	11120-22-2/ 234-363-3	0.05	133	Sulfurous acid, lead salt, dibasic*	62229-08-7/ 263-467-1	0.05
134	Tetraethyllead*	78-00-2/ 201-075-4	0.05	135	Tetralead trioxide sulphate*	12202-17-4/ 235-380-9	0.05
136	Tricosafuorododecanoic acid*	307-55-1/ 206-203-2	0.10	137	Trilead bis(carbonate)dihydroxide*	1319-46-6/ 215-290-6	0.05
138	Trilead dioxide phosphonate*	12141-20-7/ 235-252-2	0.05				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 20, 2013							
139	4-Nonylphenol, branched and linear, ethoxylated	-	0.10	140	Ammoniumpentadecafluorooctanoat e (APFO)*	3825-26-1/ 223-320-4	0.10
141	Cadmium	7440-43-9/ 231-152-8	0.05	142	Cadmium oxide*	1306-19-0/ 215-146-2	0.05
143	Di-n-pentyl phthalate	131-18-0/ 205-017-9	0.10	144	Pentadecafluorooctanoic acid (PFOA)*	335-67-1/ 206-397-9	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on December 16, 2013							
145	Cadmium sulphide*	1306-23-6/ 215-147-8	0.05	146	Dihexyl phthalate	84-75-3/ 201-559-5	0.10
147	Disodium 3,3'-[[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphonate) (C.I. Direct Red 28) ⁽¹⁾	209-358-4/ 573-58-0	0.10	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) ⁽¹⁾	1937-37-7/ 217-710-3	0.10
150	Lead di(acetate)*	301-04-2/ 206-104-4	0.05	151	Triethyl phosphate	25155-23-1/ 246-677-8	0.10

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No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 16, 2014							
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4/ 271-093-5	0.10	153	Cadmium chloride*	10108-64-2/ 233-296-7	0.05
154	Sodium perborate; perboric acid, sodium salt*	- / 234-390-0; 239-172-9	0.05	155	Sodium peroxometaborate*	7632-04-4/ 231-556-4	0.05
Candidate List of Substances of Very High Concern (SVHC) for authorization published on December 17, 2014							
156	Cadmium fluoride*	7790-79-6 / 232-222-0	0.05	157	Cadmium sulphate*	10124-36-4; 233-296-7 / 233-331-6	0.05
158	2-(2H-benzotriazol-2-yl)-4,6-diterphenylphenol (UV-328)	25973-55-1/ 247-384-8	0.10	159	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)*	-	0.10
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithioa-4-stannatetradecanoate (DOTE)*	15571-58-1/ 239-622-4	0.10	161	2-benzotriazole-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7/ 223-346-6	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 15, 2015							
163	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, 686348-93-1/ 271-094-0, 272-013-1	0.10				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on December 17, 2015							
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1 / 223-383-8	0.10	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3 / 253-037-1	0.10
167	Nitrobenzene	98-95-3/202-716-0	0.10	168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorooctanoic acid and its sodium and ammonium salts*	375-95-1; 21049-39-8; 4149-60-4 / 206-801-3	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 20, 2016							
169	Benzo(a)pyrene Benzo(def)chrysene	50-32-8/ 200-028-5	0.10				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on January 12, 2017							
170	p-(1,1-dimethylpropyl)phenol	80-46-6 / 201-280-9	0.10	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts*	335-76-2; 3830-45-3; 3108-42-7/ 206-400-3; -; 221-470-5	0.10
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	- / -	0.10	173	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7 / 201-245-8	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on July 07th, 2017							

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174	Perfluorohexane-1-sulphonic acid and its salts*	- / -	0.10				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on January 15, 2018							
175	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	- / -	0.10	176	Benz[a]anthracene	56-55-3 ; 1718-53-2 / 200-280-6	0.10
177	Cadmium nitrate*	10325-94-7 / 233-710-6	0.05	178	Cadmium carbonate*	513-78-0 / 208-168-9	0.05
179	Cadmium hydroxide*	21041-95-2 / 244-168-5	0.05	180	Chrysene	218-01-9 ; 1719-03-5 / 205-923-4	0.10
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 (4-HPbl)	- / -	0.10				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 27, 2018							
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (TMA)	552-30-7 / 209-008-0	0.10	183	Benzo[ghi]perylene	191-24-2 / 205-883-8	0.10
184	Decamethylcyclotetrasiloxane (D5)	541-02-6 / 208-764-9	0.10	185	Dicyclohexyl phthalate (DCHP)	84-61-7 / 201-545-9	0.10
186	Disodium octaborate*	12008-41-2 / 234-541-0	0.05	187	Dodecamethylcyclotetrasiloxane (D6)	540-97-6 / 208-762-8	0.10
188	Ethylenediamine (EDA) ⁽¹⁾	107-15-3 / 203-468-6	0.10	189	Lead	7439-92-1 / 231-100-4	0.05
190	Octamethylcyclotetrasiloxane (D4)	556-67-2 / 209-136-7	0.10	191	Terphenyl, hydrogenated	61788-32-7 / 262-967-7	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 15, 2019							
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6 / 401-720-1	0.10	193	Benzo[k]fluoranthene	207-08-9 / 205-916-6	0.10
194	Fluoranthene	206-44-0 / 205-912-4	0.10	195	Phenanthrene	85-01-8 / 201-581-5	0.10
196	Pyrene	129-00-0 / 204-927-3	0.10	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8 / 239-139-9	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 16, 2019							
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)*	- / -	0.10	199	2-methoxyethyl acetate	110-49-6 / 203-772-9	0.10
200	4-tert-butylphenol	98-54-4 / 202-679-0	0.10	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	- / -	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 16, 2020							

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No.	Substance Name	CAS No./EC No.	RL (%)	No.	Substance Name	CAS No./EC No.	RL (%)
202	2-benzyl-2-dimethylamino-4'-morpholinobutrophenone	119313-12-1 / 404-360-3	0.10	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5 / 400-600-6	0.10
204	Diisohexyl phthalate	71850-09-4 / 276-090-2	0.10	205	Perfluorobutane sulfonic acid (PFBS) and its salts*	- / -	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 25, 2020							
206	1-Vinylimidazole	1072-63-5 / 214-012-0	0.10	207	2-Methylimidazole	693-98-1 / 211-765-7	0.10
209	Dibutylbis(pentane-2,4-dionato-O,O')tin*	22673-19-4 / 245-152-0	0.10				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 19, 2021							
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8 / 205-594-7	0.10	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*	-	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 8, 2021							
212	1,4 dioxane	123-91-1 / 204-661-8	0.10	213	2,2-bis(bromomethyl)propane-1,3-diol (BMP)	3296-90-0 / 221-967-7	0.10
213	2,2-dimethylpropan-1-ol (TNBPA)	36483-57-5 / 253-057-0	0.10	213	2,3-dibromo-1-propanol (2,3-DBPA)	96-13-9 / 202-480-9	0.10
215	4,4'-(1-methylpropyldiene)bisphenol (Bisphenol B)	77-40-7 / 201-025-1	0.10	217	Paraffines chlorées à chaîne moyenne (MCCP)	- / -	0.10
218	Orthoboric acid, sodium salt*	237-560-2 / 13840-56-7	0.05	219	Phenol, with C12-rich branched alkyl chain	- / -	0.10
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 17, 2022							
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1 / 204-327-1	0.10	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	0.05
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4 / 213-934-0	0.05				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 10, 2022							
224	N-(hydroxymethyl)acrylamide	924-42-5 / 213-103-2	0.05				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 17, 2023							
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1 / 253-692-3	0.10	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7 / 201-236-9	0.10
227	4,4'-sulphonyldiphenol	80-09-1 / 201-250-5	0.10	228	Barium diboron tetraoxide	13701-59-2 / 237-222-4	0.05
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.05	230	Isobutyl 4-hydroxybenzoate	4247-02-3 / 224-208-8	0.05
231	Melamine	108-78-1 / 203-615-4	0.05	232	Perfluoroheptanoic acid and its salts*	-	0.10

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No.	Substance Name	CAS No./ EC No.	RL (%)	No.	Substance Name	CAS No./ EC No.	RL (%)
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	0,10				
Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 14, 2023							
234	Bis(4-chlorophenyl) sulphone	(201-247-9/ 80-07-9)	0.10	235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	(278-355-8/ 75980-60-8)	0.05
Candidate List of Substances of Very High Concern (SVHC) from the French decree of August 30, 2023							
Agec (1)	Diisooctyl phthalate	(27554-26- 3/248-523-5)	0.05	Agec (2)	Resorcinol	(108-46-3/ 203-585-2)	0.10

Notes :

- LR = Limite de report. Toutes les LR sont basées sur un matériau homogène
RL = Reporting Limit. All RL are based on homogenous material
- * Le résultat de test est basé sur le calcul de l'élément (s) choisi et en se basant sur le pire des cas. Pour des informations détaillées, se référer au site Web de la PORTÉE DE SGS :
** The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario. For detail information, please refer to the SGS REACH website:*

<http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx>

On conseille au client de passer en revue la formulation chimique pour vérifier la présence de substances métalliques citées ci-dessus dans l'article.

The client is advised to review the chemical formulation to ascertain above metal substances present in the article.

LR = 0,1% pour les substances organiques, 0,05% est évalué par élément (i.e. cobalt, arsenic, plomb, chrome, chrome (VI), antimoine, zinc, étain, baryum et cadmium respectivement), excepté le bore LR = 0,025%. Pour les substances organiques, la LQ est 0,01%. Pour les substances inorganiques, la LQ est 0,005%.

RL = 0.1% for organic substances and 0.05% is evaluated for element (i.e. cobalt, arsenic, lead, chromium, chromium (VI), antimony, zinc, tin, barium and cadmium respectively), except boron RL = 0.025%. For organic substances, LOQ is 0.01%. For inorganic substances, LOQ is 0.005%.

- ^Δ N°CAS dia-stereoisomers identifiés (α-HBCDD, β-HBCDD, γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8
^Δ CAS No. of diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8

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Rapport d'essais

Test Report

No. RN24-01159.002

Date: 20/02/2024

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