



July 2021

Re: JSP Resins LLC REACH Compliance
REACH; Registration, Evaluation, Authorization (& Restrictions) of Chemicals
REACH EC/1097-2006 SVHC Compliance

Dear Customer,

This statement concerns European Union (EU) regulation 1907/2006 of 18 December 2006 - Registration, Evaluation, Authorization and Restriction of Chemicals, also known as REACH, and includes directive 76/769/EEC and legislation adopted per REACH Annex XIV and Annex XVII.

Under REACH regulations JSP certifies that none of our products contain substances of very high concern (SVHC) whether in the Candidate List or in the Second Consultation List. JSP has no notification obligations under Article 33 as none of these SVHC's are present at concentrations greater than or equal to 0.1 wgt% of the article. This applies to ARPRO[®] Expanded Polypropylene (EPP), ARPAK[®] Expanded Polyethylene (EPE), ARPEX[®] Crosslinked Expanded Polyethylene (xEPE), and all ARPLANK[®] products.

In October 2008, the European Chemical Agency (EChA) published a first list of 15 SHVC (Substances of Very High Concern). The list includes the following:

Substance Name	EC Number	CAS Number
Triethyl arsenate	427-700-2	15606-95-8
Anthracene	204-371-1	120-21-7
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9
Dibutyl phthalate (DBP)	201-557-4	84-74-2
Cobalt dichloride	231-589-4	7646-79-9
Diarsenic pentaoxide	215-116-9	1303-28-2
Diarsenic trioxide	215-481-4	1327-53-3
Sodium dichromate	234-190-3	7789-12-0 10588-01-9
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7





Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:		25637-99-4 3194-55-6
Alpha-hexabromocyclododecane	247-148-4	134237-50-6
Beta-hexabromocyclododecane	221-695-9	134237-51-7
Gamma-hexabromocyclododecane		134237-52-8
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9
Lead hydrogen arsenate	232-064-2	7784-40-9
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7

In September 2009, EChA initiated a new public consultation on a list of 12 additional Substances of Very High Concern (SVHC). The list (effective January 2010) includes the following:

Substance Name	EC Number	CAS Number
Anthracene oil	292-602-7	90640-80-5
Anthracene oil, anthracene paste, distillation lights	295-278-5	91995-17-4
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
Anthracene oil, anthracene-low	292-604-8	90640-82-7
Anthracene oil, anthracene paste	292-603-2	90640-81-6
Coal tar pitch, high temperature	266-028-2	65996-93-2
2,4-Dinitrotoluene	204-450-0	121-14-2
Diisobutyl phthalate (DIBP)	201-553-2	84-69-5
Lead chromate	231-846-0	7758-97-6
Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8





In September 2009, EChA initiated a new public consultation on a list of 1 additional Substances of Very High Concern (SVHC). The list (effective March 2010) includes the following:

Substance Name	EC Number	CAS Number
Acrylamide	201-173-7	79-06-1

In June 2010, EChA initiated a new public consultation on a list of 8 additional Substances of Very High Concern (SVHC). The list (effective June 2010) includes the following:

Substance Name	EC Number	CAS Number
Trichloroethylene	79-01-6	201-167-4
Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4
Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3
Potassium dichromate	7778-50-9	231-906-6
Sodium chromate	7775-11-3	231-889-5
Potassium chromate	7789-00-6	232-140-5
Ammonium dichromate	7789-09-5	232-143-1

In December 2010, EChA initiated a new public consultation on a list of 8 additional Substances of Very High Concern (SVHC). The list (effective December 2010) includes the following:

Substance Name	EC Number	CAS Number
Cobalt(II) sulphate	233-334-2	10124-43-3
Cobalt(II) dinitrate	233-402-1	10141-05-6
Cobalt(II) carbonate	208-169-4	513-79-1
Cobalt(II) diacetate	200-755-8	71-48-7





2-Methoxyethanol	203-713-7	109-86-4
2-Ethoxyethanol	203-804-1	110-80-5
Chromium trioxide	215-607-8	1333-82-0
Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid (Acids generated from chromium trioxide and their oligomers)	231-801-5 - 236-881-5	7738-94-5 - 13530-68-2

In June 2011, EChA initiated a new public consultation on a list of 8 additional Substances of Very High Concern (SVHC). This list includes a substance* that was previously listed in 2008. The list (effective June 2011) includes the following:

Substance Name	EC Number	CAS Number
Cobalt dichloride*	231-589-4	7646-79-9
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6
Strontium chromate	232-142-6	6-2-7789
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4
1-Methyl-2-pyrrolidone	212-828-1	872-50-4
1,2,3-Trichloropropane	202-486-1	96-18-4
2-Ethoxyethyl acetate	203-839-2	111-15-9
Hydrazine	206-114-9	302-01-2 7803-57-8

In December 2011, EChA initiated a new public consultation on a list of 20 additional Substances of Very High Concern (SVHC). The list (effective December 2011) includes the following:

Substance Name	EC Number	CAS Number
Zirconia Aluminosilicate Refractory Ceramic Fibers; Including: a) Oxides of aluminum, silicon and zirconium are the main components present (in the fibers) within variable concentration ranges. b) Fibers have a length weighted geometric mean diameter less two <i>(continued)</i>	650-017-00-8	





standard geometric errors of 6 or less micrometers (μm). c) Alkaline oxide and alkali earth oxide ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight.		
Aluminosilicate Refractory Ceramic Fibers; Including: a) Oxides of aluminum and silicon are the main components present (in the fibers) within variable concentration ranges. b) Fibers have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (μm). c) Alkaline oxide and alkali earth oxide ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight.	650-017-00-8	
Calcium arsenate	231-904-5	7778-44-1
Bis(2-methoxyethyl) ether	203-924-4	111-96-6
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9
Lead dipicrate	229-335-2	6477-64-1
N,N-dimethylacetamide	204-826-4	127-19-5
Arsenic acid	231-901-9	7778-39-4
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0
Trilead diarsenate	222-979-5	3687-31-8
1,2-dichloroethane	203-458-1	107-06-2
Pentazinc chromate octahydroxide	256-418-0	49663-84-5
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9
Lead diazide, Lead azide	236-542-1	13424-46-9
Phenolphthalein	201-004-7	77-09-8
Dichromium tris(chromate)	246-356-2	24613-89-6
Lead styphnate	239-290-0	15245-44-0
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4





In June 2012, EChA initiated a new public consultation on a list of 13 additional Substances of Very High Concern (SVHC). The list (effective June 2012) includes the following:

Substance Name	EC Number	CAS Number
α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4); (with $\geq 0.1\%$ of Michler's ketone or Michler's base)	229-851-8	6786-83-0
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)-trione (β -TGIC)	423-400-0	59653-74-6
Diboron trioxide	215-125-8	1303-86-2
1,2-bis(2-methoxyethoxy) Ethane (TEGDME; triglyme)	203-977-3	112-49-2
4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol); (with \geq 0.1% of Michler's ketone or Michler's base)	209-218-2	561-41-1
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2
Formamide	200-842-0	75-12-7
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5- dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3); (with $\geq 0.1\%$ of Michler's ketone or Michler's base) 2)	208-953-6	548-62-9
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26); (with $\geq 0.1\%$ of Michler's ketone or Michler's base)	219-943-6	2580-56-5
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9
4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	90-94-8





In December 2012, EChA initiated a new public consultation on a list of 54 additional Substances of Very High Concern (SVHC). The list (effective December 2012) includes the following:

Substance Name	EC Number	CAS Number
Hexahydromethylphthalic anhydride	247-094-1	25550-51-0
Hexahydro-4-methylphthalic anhydride	243-072-0	19438-60-9
Hexahydro-1-methylphthalic anhydride	256-356-4	48122-14-1
Hexahydro-3-methylphthalic anhydride	260-566-1	57110-29-9
Includes individual isomers of the above compounds and their cis- and trans- stereo isomeric forms (and all possible combinations of the isomers)		
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8
Cyclohexane-1,2-dicarboxylic anhydride	201-604-9	85-42-7
Cis-cyclohexane-1,2-dicarboxylic anhydride	236-086-3	13149-00-3
Trans-cyclohexane-1,2-dicarboxylic anhydride	238-009-9	14166-21-3
Includes individual cis- and trans- isomer substances (and all possible combinations of the cis- and trans-isomers)		
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8
Henicosfluoroundecanoic acid	218-165-4	2058-94-8
4-Aminoazobenzene	200-453-6	60-09-3
Silicic acid, lead salt	234-363-3	11120-22-2
Lead titanium zirconium oxide	235-727-4	12626-81-2
Lead monoxide (lead oxide)	215-267-0	1317-36-8
o-Toluidine	202-429-0	95-53-4
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5
Lead dinitrate	233-245-9	10099-74-8





Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped Includes 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.	272-271-5	68784-75-8
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0
Diethyl sulphate	200-589-6	64-67-5
Dimethyl sulphate	201-058-1	77-78-1
N,N-dimethylformamide	200-679-5	68-12-2
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated Including substances and UVCB and well defined substances, polymers and homologues.	-	-
4-Nonylphenol, branched and linear Including substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol. Also including UVCB- and well-defined substances which include any of the individual isomers or a combination thereof.	-	-
Furan	203-727-3	110-00-9
Lead oxide sulfate	234-853-7	12036-76-9
Lead titanium trioxide	235-038-9	12060-00-3
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7
1,2-Diethoxyethane	211-076-1	629-14-1
N-methylacetamide	201-182-6	79-16-3
Tetrolead trioxide sulphate	235-380-9	12202-17-4
Acetic acid, lead salt, basic	257-175-3	51404-69-4
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9





Tetraethyllead	201-075-4	78-00-2
N-pentyl-isopentylphthalate	-	776297-69-9
Pentalead tetraoxide sulphate	235-067-7	12065-90-6
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7
Tricosafuorododecanoic acid	206-203-2	307-55-1
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5
Dioxobis(stearato)trilead	235-702-8	12578-12-0
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8
Methoxyacetic acid	210-894-6	625-45-6
Methyloxirane (Propylene oxide)	200-879-2	75-56-9
Trilead dioxide phosphonate	235-252-2	12141-20-7
o-aminoazotoluene	202-591-2	97-56-3
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7
Diisopentylphthalate (DIPP)	210-088-4	605-50-5
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0
Biphenyl-4-ylamine	202-177-1	92-67-1
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8
Orange lead (lead tetroxide)	215-235-6	1314-41-6
4,4'-oxydianiline and its salts	202-977-0	101-80-4
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7
Lead cyanamidate	244-073-9	20837-86-9





In June 2013, EChA initiated a new public consultation on a list of 6 additional Substances of Very High Concern (SVHC). The list (effective June 2013) includes the following:

Substance Name	EC Number	CAS Number
Cadmium	231-152-8	7440-43-9
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1
Dipentyl phthalate (DPP)	205-017-9	131-18-0
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		
Cadmium oxide	215-146-2	1306-19-0

In December 2013, EChA initiated a new public consultation on a list of 7 additional Substances of Very High Concern (SVHC). The list (effective December 2013) includes the following:

Substance Name	EC Number	CAS Number
Cadmium sulphide	215-147-8	1306-23-6
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)	217-710-3	1937-37-7
Dihexyl phthalate	201-559-5	84-75-3
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7
Trixylyl phosphate	246-677-8	25155-23-1
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0
Lead di(acetate)	206-104-4	301-04-2





In June 2014, EChA initiated a new public consultation on a list of 4 additional Substances of Very High Concern (SVHC). The list (effective June 2014) includes the following:

Substance Name	EC Number	CAS Number
2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4
Sodium perborate; perboric acid, sodium salt	239-172-9 234-390-0	-
Sodium peroxometaborate	231-556-4	7632-04-4
Cadmium chloride	233-296-7	10108-64-2

In December 2014, EChA initiated a new public consultation on a list of 7 additional Substances of Very High Concern (SVHC). The list (effective December 2014) includes the following:

Substance Name	EC Number	CAS Number
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1
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)	-	-
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1
Cadmium fluoride	232-222-0	7790-79-6
Cadmium sulphate	233-331-6	10124-36-4 31119-53-6

In June 2015, EChA initiated a new public consultation on a list of 2 additional Substances of Very High Concern (SVHC). The list (effective June 2015) includes the following:





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Pittsburgh, PA
USA

Substance Name	EC Number	CAS Number
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	68515-51-5 68648-93-1
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 stereoisomers of [1] and [2] or any combination thereof]	-	-

In December 2015, EChA initiated a new public consultation on a list of 5 additional Substances of Very High Concern (SVHC). The list (effective December 2015) includes the following:

Substance Name	EC Number	CAS Number
1,3-propanesultone	214-317-9	1120-71-4
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3
Nitrobenzene	202-716-0	98-95-3
Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1

In June 2016, EChA initiated a new public consultation on a list of 1 additional Substance of Very High Concern (SVHC). The list (effective June 2016) includes the following:

Substance Name	EC Number	CAS Number
Benzo[def]chrysene	200-028-5	50-32-8





In January 2017, EChA initiated a new public consultation on a list of 4 additional Substances of Very High Concern (SVHC). The list (effective January 2017) includes the following:

Substance Name	EC Number	CAS Number
4,4'-isopropylidenediphenol (Bisphenol A; BPA)	201-245-8	80-05-7
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	-	-
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts [Nonadecafluorodecanoic acid] [Ammonium nonadecafluorodecanoate] [Decanoic acid, nonadecafluoro-, sodium salt]	206-400-3 221-470-5 -	335-76-2 3108-42-7 3830-45-3
Nitrobenzenep-(1,1-dimethylpropyl) phenol	201-280-9	80-46-6

In July 2017, EChA initiated a new public consultation on a list of 1 additional Substance of Very High Concern (SVHC). The list (effective July 2017) includes the following:

Substance Name	EC Number	CAS Number
Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	-

In January 2018, EChA initiated a new public consultation on a list of 7 additional Substances of Very High Concern (SVHC). The list (effective January 2018) includes the following:

Substance Name	EC Number	CAS Number
Benz[a]anthracene	200-280-6	56-55-3 1718-53-2
Cadmium carbonate	208-168-9	513-78-0





Cadmium hydroxide	244-168-5	21041-95-2
Cadmium nitrate	233-710-6	10022-68-1 10325-94-7
Chrysene	205-923-4	218-01-9 1719-03-5
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	-	-
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)	-	-

In June 2018, EChA initiated a new public consultation on a list of 10 additional Substances of Very High Concern (SVHC). The list (effective June 2018) includes the following:

Substance Name	EC Number	CAS Number
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	209-008-0	552-30-7
Benzo[ghi]perylene	205-883-8	191-24-2
Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6
Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7
Disodium octaborate	234-541-0	12008-41-2
Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6
Ethylenediamine (EDA)	203-468-6	107-15-3





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USA

Lead	231-100-4	7439-92-1
Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2
Terphenyl, hydrogenated	262-967-7	61788-32-7

In January 2019, EChA initiated a new public consultation on a list of 6 additional Substances of Very High Concern (SVHC). The list (effective January 2019) includes the following:

Substance Name	EC Number	CAS Number
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one [3-benzylidene camphor; 3-BC]	239-139-9	15087-24-8
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6
Benzo[k]fluoranthene	205-916-6	207-08-9
Fluoranthene	205-912-4	206-44-0 93951-69-0
Phenanthrene	201-581-5	85-01-8
Pyrene	204-927-3	129-00-0 1718-52-1

In July 2019, EChA initiated a new public consultation on a list of 4 additional Substances of Very High Concern (SVHC). The list (effective July 2019) includes the following:

Substance Name	EC Number	CAS Number
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	-	-
2-methoxyethyl acetate	203-772-9	110-49-6





4-tert-butylphenol	202-679-0	98-54-4
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-

In January 2020, EChA initiated a new public consultation on a list of 4 additional Substances of Very High Concern (SVHC). The list (effective January 2020) includes the following:

Substance Name	EC Number	CAS Number
Perfluorobutane sulfonic acid (PFBS) and its salts	-	-
Diisohexyl phthalate	276-090-2	71850-09-4
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1

In June 2020, EChA initiated a new public consultation on a list of 4 additional Substances of Very High Concern (SVHC). The list (effective June 2020) includes the following:

Substance Name	EC Number	CAS Number
Dibutylbis (pentane-2,4-dionato-O,O') tin	245-152-0	22673-19-4
Butyl 4-hydroxybenzoate	202-318-7	94-26-8
2-methylimidazole	211-765-7	693-98-1
1-vinylimidazole	214-012-0	1072-63-5





In January 2021, EChA initiated a new public consultation on a list of 2 additional Substances of Very High Concern (SVHC). The list (effective January 2021) includes the following:

Substance Name	EC Number	CAS Number
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	-	-
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8

In July 2021, EChA initiated a new public consultation on a list of 8 additional Substances of Very High Concern (SVHC). The list (effective July 2021) includes the following:

Substance Name	EC Number	CAS Number
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP); Phenol, 4-dodecyl, branched, 4-isododecylphenol, Phenol, 4-isododecyl, Phenol, dodecyl-, branched, Phenol, (tetrapropenyl) derivatives, and Phenol, tetrapropylene	-	-
orthoboric acid, sodium salt, including; boric acid (H ₃ BO ₃), sodium salt, hydrate, Boric acid (H ₃ BO ₃), disodium salt, Trisodium orthoborate, Boric acid, sodium salt, Orthoboric acid, sodium salt, and Boric acid (H ₃ BO ₃), sodium salt	-	-
Medium-chain chlorinated paraffins (MCCP) with UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17 including; Alkanes, C14-16, chloro, Alkanes, C14-17, chloro, di-, tri- and tetrachlorotetradecane, and Tetradecane, chloro derivatives	-	-
Glutaral	203-856-5	111-30-8
4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7





2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers including; (2R)-3-(4-tert-butylphenyl)-2-methylpropanal, 2-(4-tert-butylbenzyl)propionaldehyde, and (2S)-3-(4-tert-butylphenyl)-2-methylpropanal		
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) including; 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA), 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA), 2,2-bis(bromomethyl)propane-1,3-diol (BMP), and 2,3-dibromo-1-propanol (2,3-DBPA)		
1,4-dioxane	204-661-8	123-91-1

To date, there are 219 substances on the REACH listing. Several substances have been listed multiple times due to additional “reason for inclusion” rulings (as reference in the applicable decision number).

As the SVHC list is updated in the future by the EChA, JSP will provide updated certifications accordingly to assure continued compliance with this requirement.

For additional information regarding the REACH SVHC list see:

<https://echa.europa.eu/regulations/reach/understanding-reach>
<https://echa.europa.eu/candidate-list-table>

Should you have any further questions, please contact the undersigned.

Regards,

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16 July 2021

Date

