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Certificate of REACH 211 Compliance (01/19/2021)

This letter certifies that all parts (articles) manufactured by Johanson Dielectrics meet the requirements for REACH and do not contain any of the SVHC chemicals listed above the levels mandated by the ECHA. These include 1 additional PFHxS substance based on a proposal from Sweden.

<u>Substance Name</u>	<u>EC Number</u>	<u>CAS Number</u>	<u>Date of inclusion</u>	<u>Reason for inclusion</u>
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 dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: -   CAS No.: - Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: <b>293-901-5</b>   CAS No.: <b>91648-39-4</b> Dioctyltin dilaurate EC No.: 222-883-3   CAS No.: 3648-18-8	-	-	19/01/2021	Toxic for reproduction (Article 57c)
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	19/01/2021	Toxic for reproduction (Article 57c)
Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	25/06/2020	Toxic for reproduction (Article 57c)
Butyl 4-hydroxybenzoate	202-318-7	94-26-8	25/06/2020	Endocrine disrupting properties (Article 57(f) - human health)
2-methylimidazole	211-765-7	693-98-1	25/06/2020	Toxic for reproduction (Article 57c)
1-vinylimidazole	214-012-0	1072-63-5	25/06/2020	Toxic for reproduction (Article 57c)

Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	16/01/2020	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
Diisohexyl phthalate	276-090-2	71850-09-4	16/01/2020	Toxic for reproduction (Article 57c)
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	16/01/2020	Toxic for reproduction (Article 57c)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	16/01/2020	Toxic for reproduction (Article 57c)
2-methoxyethyl acetate	203-772-9	110-49-6	16/07/2019	Not registered under REACH.
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	16/07/2019	Primarily used as an antioxidant to stabilize polymers.
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)			16/07/2019	Processing aid in the production of fluorinated polymers.
4-tert-butylphenol	202-679-0	98-58-4	16/07/2019	Endocrine disrupting properties (Article 57(f) – environment)
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	15/01/2019	Toxic for reproduction (Article 57c)
Benzo[k]fluoranthene	205-916-6	207-08-9	15/01/2019	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Fluoranthene	205-912-4	206-44-0	15/01/2019	PBT (Article 57d) vPvB (Article 57e)

Phenanthrene	201-581-5	85-01-8	15/01/2019	vPvB (Article 57e)
Pyrene	204-927-3	129-00-0	15/01/2019	PBT (Article 57d) vPvB (Article 57e)
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	15/01/2019	Endocrine disrupting properties (Article 57(f) - environment)
Benzene-1,2,4 tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	209-008-0	552-30-7	27/06/2018	Respiratory sensitising properties (Article 57(f) - human health)
Benzo[ghi]perylene	205-883-8	191-24-2	27/06/2018	PBT (Article 57d) vPvB (Article 57e)
Decamethylcyclopentasiloxane D5	208-764-9	541-02-6	27/06/2018	PBT (Article 57d) vPvB (Article 57e)
Dicyclohexyl phthalate DCHP	201-545-9	84-61-7	27/06/2018	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)
Disodium octaborate	234-541-0	12008-41-2	27/06/2018	Toxic for reproduction (Article 57c)
Dodecamethylcyclohexasiloxane D6	208-762-8	540-97-6	27/06/2018	PBT (Article 57d) vPvB (Article 57e)
Ethylenediamine EDA	203-468-6	107-15-3	27/06/2018	Respiratory sensitising properties (Article 57(f) - human health)
Lead	231-100-4	7439-92-1	27/06/2018	Toxic for reproduction (Article 57c)
Octamethylcyclotetrasiloxane D4	209-136-7	556-67-2	27/06/2018	PBT (Article 57d) vPvB (Article 57e)
Terphenyl, hydrogenated	262-967-7	61788-32-7	27/06/2018	vPvB (Article 57e)
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" <sup>™</sup> ) covering any of its individual anti- and syn-isomers or any combination thereof	-	-	15/01/2018	vPvB (Article 57e)

Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2	1/15/2018	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Cadmium carbonate	208-168-9	513-78-0	1/15/2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium hydroxide	244-168-5	21041-95-2	1/15/2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	1/15/2018	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Chrysene	205-923-4	218-01-9, 1719-03-5	1/15/2018	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) covering any of its individual anti- and syn-isomers or any combination thereof			1/15/2018	vPvB (Article 57e)

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)			1/15/2018	Endocrine disrupting properties (Article 57(f) - environment)
Perfluorohexane-1-sulphonic acid and its salts			7/7/2017	vPvB (Article 57e)
4,4'-isopropylidenediphenol Bisphenol A; BPA	201-245-8	80-05-7	1/12/2017	Toxic for reproduction (Article 57c)
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			1/12/2017	Equivalent level of concern having probable serious effects to environment (Article 57 f)
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3   CAS no.: 335-76-2 Decanoic acid, nonadecafluoro-, sodium salt EC no.: -   CAS no.: 3830-45-3 Ammonium nonadecafluorodecanoate EC no.: 221-470-5   CAS no.: 3108-42-7			1/12/2017	Toxic for reproduction (Article 57c) PBT (Article 57 d)
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	1/12/2017	Equivalent level of concern having probable serious effects to environment (Article 57 f)

Benzo[def]chrysene	200-028-5	50-32-8	6/20/2016	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)
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)	271-094-0 272-013-1	68515-51-5 68648-93-1	6/15/2015	Toxic for reproduction (Article 57 c)
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]	-	-	6/15/2015	vPvB (Article 57e)
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	2014/12/17; 10/28/2008	Equivalent level of concern having probable serious effects to the environment (Article 57 f); Toxic for reproduction (article 57c)
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	12/17/2014	PBT (Article 57 d); vPvB (Article 57 e)
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	12/17/2014	Toxic for reproduction (Article 57 c)
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)	-	-	12/17/2014	Toxic for reproduction (Article 57 c)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	12/17/2014	PBT (Article 57 d); vPvB (Article 57 e)

Cadmium fluoride	232-222-0	7790-79-6	12/17/2014	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)
Cadmium sulphate	233-331-6	10124-36-4,31119-53-6	12/17/2014	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	6/16/2014	Toxic for reproduction (Article 57 c)
Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	-	6/16/2014	Toxic for reproduction (Article 57 c)
Sodium peroxometaborate	231-556-4	4/4/7632	6/16/2014	Toxic for reproduction (Article 57 c)
Cadmium chloride	233-296-7	10108-64-2	6/16/2014	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57 f)
Cadmium sulphide	215-147-8	1306-23-6	12/16/2013	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
Trixylyl phosphate	246-677-8	25155-23-1	12/16/2013	Toxic for reproduction (Article 57 c)

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	12/16/2013	Carcinogenic (Article 57a)
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	12/16/2013	Toxic for reproduction (Article 57 c)
Lead di(acetate)	206-104-4	301-04-2	12/16/2013	Toxic for reproduction (Article 57 c)
Dihexyl phthalate	201-559-5	84-75-3	12/16/2013	Toxic for reproduction (Article 57 c)
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	12/16/2013	Carcinogenic (Article 57a)
Cadmium	231-152-8	7440-43-9	6/20/2013	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
4-Nonylphenol, branched and linear, ethoxylated <i>[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]</i>	-	-	6/20/2013	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	6/20/2013	Toxic for reproduction (Article 57 c); PBT (Article 57 d)



Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	6/20/2013	Toxic for reproduction (Article 57 c); PBT (Article 57 d)
Dipentyl phthalate (DPP)	205-017-9	131-18-0	6/20/2013	Toxic for reproduction (Article 57 c)
Cadmium oxide	215-146-2	1306-19-0	6/20/2013	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	12/19/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	12/19/2012	Carcinogenic (Article 57a)
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]</i>	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	12/19/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	12/19/2012	Toxic for reproduction (Article 57 c)
Henicosfluoroundecanoic acid	218-165-4	2058-94-8	12/19/2012	vPvB (Article 57 e)
4-Aminoazobenzene	200-453-6	60-09-3	12/19/2012	Carcinogenic (Article 57a)
Silicic acid, lead salt	234-363-3	11120-22-2	12/19/2012	Toxic for reproduction (Article 57 c)

Lead titanium zirconium oxide	235-727-4	12626-81-2	12/19/2012	Toxic for reproduction (Article 57 c)
Lead monoxide (lead oxide)	215-267-0	1317-36-8	12/19/2012	Toxic for reproduction (Article 57 c)
o-Toluidine	202-429-0	95-53-4	12/19/2012	Carcinogenic (Article 57a)
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	12/19/2012	Toxic for reproduction (Article 57 c)
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	12/19/2012	Toxic for reproduction (Article 57 c)
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	12/19/2012	Toxic for reproduction (Article 57 c)
Lead dinitrate	233-245-9	10099-74-8	12/19/2012	Toxic for reproduction (Article 57 c)
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [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]	272-271-5	68784-75-8	12/19/2012	Toxic for reproduction (Article 57 c)
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	12/19/2012	Toxic for reproduction (Article 57 c)
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	12/19/2012	Carcinogenic (Article 57a)
Diethyl sulphate	200-589-6	64-67-5	12/19/2012	Carcinogenic (Article 57a); Mutagenic (Article 57b)
Dimethyl sulphate	201-058-1	77-78-1	12/19/2012	Carcinogenic (Article 57a)
N,N-dimethylformamide	200-679-5	68-12-2	12/19/2012	Toxic for reproduction (Article 57 c)

4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	12/19/2012	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
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]	-	-	12/19/2012	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
Furan	203-727-3	110-00-9	12/19/2012	Carcinogenic (Article 57a)
Lead oxide sulfate	234-853-7	12036-76-9	12/19/2012	Toxic for reproduction (Article 57 c)
Lead titanium trioxide	235-038-9	12060-00-3	12/19/2012	Toxic for reproduction (Article 57 c)
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	12/19/2012	PBT (Article 57 d); vPvB (Article 57 e)
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	12/19/2012	Toxic for reproduction (Article 57 c)
1,2-Diethoxyethane	211-076-1	629-14-1	12/19/2012	Toxic for reproduction (Article 57 c)
N-methylacetamide	201-182-6	79-16-3	12/19/2012	Toxic for reproduction (Article 57 c)
Tetralead trioxide sulphate	235-380-9	12202-17-4	12/19/2012	Toxic for reproduction (Article 57 c)
Acetic acid, lead salt, basic	257-175-3	51404-69-4	12/19/2012	Toxic for reproduction (Article 57 c)
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	12/19/2012	Toxic for reproduction (Article 57 c)
Tetraethyllead	201-075-4	78-00-2	12/19/2012	Toxic for reproduction (Article 57 c)

N-pentyl-isopentylphthalate	-	776297-69-9	12/19/2012	Toxic for reproduction (Article 57 c)
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	12/19/2012	Toxic for reproduction (Article 57 c)
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	12/19/2012	vPvB (Article 57 e)
Tricosafuorododecanoic acid	206-203-2	307-55-1	12/19/2012	vPvB (Article 57 e)
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	12/19/2012	Toxic for reproduction (Article 57 c)
Dioxobis(stearato)trilead	235-702-8	12578-12-0	12/19/2012	Toxic for reproduction (Article 57 c)
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	12/19/2012	vPvB (Article 57 e)
Methoxyacetic acid	210-894-6	625-45-6	12/19/2012	Toxic for reproduction (Article 57 c)
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	12/19/2012	Carcinogenic (Article 57a); Mutagenic (Article 57b)
Trilead dioxide phosphonate	235-252-2	12141-20-7	12/19/2012	Toxic for reproduction (Article 57 c)
o-aminoazotoluene	202-591-2	97-56-3	12/19/2012	Carcinogenic (Article 57a)
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	12/19/2012	Carcinogenic (Article 57a)
Diisopentylphthalate	210-088-4	605-50-5	12/19/2012	Toxic for reproduction (Article 57 c)
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	12/19/2012	Toxic for reproduction (Article 57 c)
Biphenyl-4-ylamine	202-177-1	92-67-1	12/19/2012	Carcinogenic (Article 57a)
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	12/19/2012	Toxic for reproduction (Article 57 c)
Orange lead (lead tetroxide)	215-235-6	1314-41-6	12/19/2012	Toxic for reproduction (Article 57 c)
4,4'-oxydianiline and its salts	202-977-0	101-80-4	12/19/2012	Carcinogenic (Article 57a); Mutagenic (Article 57b)

Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	12/19/2012	Equivalent level of concern having probable serious effects to human health (Article 57 f)
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	12/19/2012	Toxic for reproduction (Article 57 c)
Lead cyanamidate	244-073-9	20837-86-9	12/19/2012	Toxic for reproduction (Article 57 c)
$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8	6786-83-0	6/18/2012	Carcinogenic (Article 57a)
[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 (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6	548-62-9	6/18/2012	Carcinogenic (Article 57a)
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	6/18/2012	Carcinogenic (Article 57a)
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	423-400-0	59653-74-6	6/18/2012	Mutagenic (Article 57b)
Diboron trioxide	215-125-8	1303-86-2	6/18/2012	Toxic for reproduction (Article 57 c)
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	6/18/2012	Toxic for reproduction (Article 57 c)
Formamide	200-842-0	75-12-7	6/18/2012	Toxic for reproduction (Article 57 c)
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	561-41-1	6/18/2012	Carcinogenic (Article 57a)
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	6/18/2012	Toxic for reproduction (Article 57 c)

1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	6/18/2012	Toxic for reproduction (Article 57 c)
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-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)]	219-943-6	2580-56-5	6/18/2012	Carcinogenic (Article 57a)
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	6/18/2012	Mutagenic (Article 57b)
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	6/18/2012	Carcinogenic (Article 57a)
Phenolphthalein	201-004-7	77-09-8	12/19/2011	Carcinogenic (article 57 a)
N,N-dimethylacetamide	204-826-4	127-19-5	12/19/2011	Toxic for reproduction (article 57 c)
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	12/19/2011	Equivalent level of concern having probable serious effects to the environment (article 57 f)
Lead diazide, Lead azide	236-542-1	13424-46-9	12/19/2011	Toxic for reproduction (article 57 c),
Lead dipicrate	229-335-2	6477-64-1	12/19/2011	Toxic for reproduction (article 57 c)
1,2-dichloroethane	203-458-1	107-06-2	12/19/2011	Carcinogenic (article 57 a)

Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	12/19/2011	Carcinogenic (article 57 a)
Calcium arsenate	231-904-5	7778-44-1	12/19/2011	Carcinogenic (article 57 a)
Dichromium tris(chromate)	246-356-2	24613-89-6	12/19/2011	Carcinogenic (article 57 a)
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	12/19/2011	Carcinogenic (article 57 a)
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	12/19/2011	Carcinogenic (article 57 a)
Arsenic acid	231-901-9	7778-39-4	12/19/2011	Carcinogenic (article 57 a)
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	12/19/2011	Carcinogenic (article 57 a)
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	12/19/2011	Carcinogenic (article 57 a)
Lead styphnate	239-290-0	15245-44-0	12/19/2011	Toxic for reproduction (article 57 c)
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	12/19/2011	Toxic for reproduction (article 57 c)
Trilead diarsenate	222-979-5	3687-31-8	12/19/2011	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	12/19/2011	Toxic for reproduction (article 57 c)

2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	12/19/2011	Carcinogenic (article 57 a)
Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	12/19/2011	Carcinogenic (article 57 a)
Cobalt dichloride	231-589-4	7646-79-9	2011/06/20 - 2008/10/28	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	6/20/2011	Toxic for reproduction (article 57c)
Strontium chromate	232-142-6	6/2/7789	6/20/2011	Carcinogenic (article 57a)
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	6/20/2011	Toxic for reproduction (article 57c)
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	6/20/2011	Toxic for reproduction (article 57c)
1,2,3-Trichloropropane	202-486-1	96-18-4	6/20/2011	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
2-Ethoxyethyl acetate	203-839-2	111-15-9	6/20/2011	Toxic for reproduction (article 57c)
Hydrazine	206-114-9	302-01-2, 7803-57-8	6/20/2011	Carcinogenic (article 57a)
Cobalt(II) diacetate	200-755-8	71-48-7	12/15/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)



2-Ethoxyethanol	203-804-1	110-80-5	12/15/2010	Toxic for reproduction (article 57c)
Cobalt(II) sulphate	233-334-2	10124-43-3	12/15/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	231-801-5, 236-881-5	7738-94-5, 13530-68-2	12/15/2010	Carcinogenic (article 57a)
2-Methoxyethanol	203-713-7	109-86-4	12/15/2010	Toxic for reproduction (article 57c)
Chromium trioxide	215-607-8	1333-82-0	12/15/2010	Carcinogenic and mutagenic (articles 57 a and 57 b)
Cobalt(II) carbonate	208-169-4	513-79-1	12/15/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Cobalt(II) dinitrate	233-402-1	10141-05-6	12/15/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Trichloroethylene	201-167-4	79-01-6	6/18/2010	Carcinogenic (article 57 a)
Potassium dichromate	231-906-6	7778-50-9	6/18/2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	6/18/2010	Toxic for reproduction (article 57 c)
Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	6/18/2010	Toxic for reproduction (article 57 c)
Ammonium dichromate	232-143-1	9/5/7789	6/18/2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)
Sodium chromate	231-889-5	11/3/7775	6/18/2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)
Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	6/18/2010	Toxic for reproduction (article 57 c)

Potassium chromate	232-140-5	7789-00-6	6/18/2010	Carcinogenic and mutagenic (articles 57 a and 57 b).
Acrylamide	201-173-7	79-06-1	3/30/2010	Carcinogenic and mutagenic (articles 57 a and 57 b)
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	1/13/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c))
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	1/13/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
2,4-Dinitrotoluene	204-450-0	121-14-2	1/13/2010	Carcinogenic (article 57a)
Anthracene oil	292-602-7	90640-80-5	1/13/2010	Carcinogenic <sup>1</sup> , PBT and vPvB (articles 57a, 57d and 57e)
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	1/13/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)
Anthracene oil, anthracene-low	292-604-8	90640-82-7	1/13/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)
Diisobutyl phthalate	201-553-2	84-69-5	1/13/2010	Toxic for reproduction (article 57c)
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	1/13/2010	Toxic for reproduction (article 57c)
Lead chromate	231-846-0	7758-97-6	1/13/2010	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Anthracene oil, anthracene paste	292-603-2	90640-81-6	1/13/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)
Pitch, coal tar, high temp.	266-028-2	65996-93-2	1/13/2010	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)

Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	1/13/2010	Carcinogenic <sup>2</sup> , mutagenic <sup>3</sup> , PBT and vPvB (articles 57a, 57b, 57d and 57e)
Lead hydrogen arsenate	232-064-2	7784-40-9	10/28/2008	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	10/28/2008	Toxic for reproduction (article 57c)
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	10/28/2008	PBT (article 57d)
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	10/28/2008	vPvB (article 57e)
Diarsenic trioxide	215-481-4	1327-53-3	10/28/2008	Carcinogenic (article 57a)
Triethyl arsenate	427-700-2	15606-95-8	10/28/2008	Carcinogenic (article 57a)
Diarsenic pentaoxide	215-116-9	1303-28-2	10/28/2008	Carcinogenic (article 57a)
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	10/28/2008	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)
Dibutyl phthalate (DBP)	201-557-4	84-74-2	10/28/2008	Toxic for reproduction (article 57c)
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	10/28/2008	Carcinogenic (article 57a)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	10/28/2008	PBT and vPvB (articles 57 d and 57 e)
Anthracene	204-371-1	120-12-7	10/28/2008	PBT (article 57d)
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	10/28/2008	PBT (article 57d)
Diisobutyl Phthalate (DIBP)		84-69-5		Banned by Denmark
Benzyl Butyl Phthalate (BBP continued)		85-68-7		Banned By Denmark
Bis (2-ethylhexyl) Phthalate (DEHP)		117-81-7		Banned By Denmark
Dibutyl Phthalate (DBP)		84-74-2		Banned By Denmark

1,3-Propanesultone	214-317-9	1120-71-4	12/17/2015	Carcinogenic (Article 57 a)
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	12/17/2015	vPvB (Article 57 e)
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	12/17/2015	vPvB (Article 57 e)
Nitrobenzene	202-716-0	98-95-3	12/17/2015	Toxic for reproduction (Article 57 c)
Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4	12/17/2015	Toxic for reproduction (Article 57 c) PBT (Article 57 d)
Diarsenic pentaoxide	215-116-9	1303-28-2	28/10/2008	Carcinogenic (Article 57a)
Cobalt dichloride	231-589-4	7646-79-9	28/10/2008	Carcinogenic (Article 57a) Toxic for reproduction (Article 57c)
Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	28/10/2008	PBT (Article 57d)
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28/10/2008	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28/10/2008	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)
Anthracene	204-371-1	120-12-7	28/10/2008	PBT (Article 57d)
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28/10/2008	PBT (Article 57d) vPvB (Article 57e)
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	28/10/2008	vPvB (Article 57e)
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28/10/2008	Carcinogenic (Article 57a)



Regards,

A handwritten signature in black ink that reads "John Howard". The signature is written in a cursive style with a large, looping initial 'J'.

John Howard