

## CUSTOMER INFORMATION LETTER

July 2018

Dear Sirs,

Re: DIRECTIVE (EC) No1907/2006 (REACH) Updated for June 2018 Additions

We are committed to meeting our legal obligations under REACH.

As so-called downstream users, we have approached suppliers of raw, operating and auxiliary substances that fall under the regime of REACH in a timely manner, to ensure that REACH does not have a negative impact on the supply of products from OKW Enclosures Ltd.

To date, suppliers have confirmed that there is no impact on the products supplied by us, and we rely on them to play their part in this process to advise us should this change.

In the extremely unlikely case that REACH affects our ability to supply a product, we can identify users of that product & inform them of suitable alternatives.

I am your contact for REACH with our company. If you need any further information at this stage please do not hesitate to contact me.

For reference, a full list of substances covered by this Directive is attached for your information.



**Ian Cox**  
Operations Director  
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## REACH SVHC Candidate List

### June 2018 List

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

### January 2018 List

Substance	EC Number(s)	CAS Number
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>TM</sup> ) covering any of its individual anti- and syn-isomers or any combination there		
Benz[a]anthracene	200-280-6	56-55-3, 1718-53
Cadmium carbonate	208-168-9	513-78-0
Cadmium hydroxide	244-168-5	21041-95-2
Cadmium nitrate	233-710-6	10022-68-1, 103 94-7
Chrysene	205-923-4	218-01-9, 1719-0
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)		

### July 2017 List

Substance	EC Number(s)	CAS Number
Perfluorohexane-1-sulfonic acid and its salts (PFHxS)		

### January 2017 List

Substance	EC Number(s)	CAS Number
4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3 221-4705	335-76-2 3830-45-3 3108-42-7
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6
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]		

June 2016 List

Substance	EC Number(s)	CAS Number
Benzo[def]Chrysene	200-028-5	50-32-8

December 2015 List

Substance	EC Number(s)	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 21049-39-8 4149-60-4

June 2015 List

Substance	EC Number(s)	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]		

December 2014 List

Substance	EC Number(s)	CAS Number
Cadmium Fluoride	232-222-0	7790-79-6
Cadmium Sulphate	233-331-6	10124-36-4 31119-53-6
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1
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)		

June 2014 List

Substance	EC Number(s)	CAS Number
Cadmium chloride	233-296-7	10108-64-2
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4
Sodium peroxometaborate	231-556-4	7632-04-4
Sodium perborate; perboric acid, sodium salt	239-172-9 234-390-0	-

December 2013 List

Substance	EC Number(s)	CAS Number
Cadmium sulphide	215-147-8	1306-23-6
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
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
Lead di(acetate)	206-104-4	301-04-2
Trixylyl phosphate	246-677-8	25155-23-1

June 2013 List

Substance	EC Number(s)	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

December 2012 List

Substance	EC Number(s)	CAS Number
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8
Tricosafuorododecanoic acid	206-203-2	307-55-1
Henicosafuoroundecanoic acid	218-165-4	2058-94-8
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3
Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] Individual cis[2] and trans[3] isomers and all possible combinations of cis and trans-isomers[1] are covered.	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] Individual isomers [2],[3],[4] including their cis and trans-stereo forms and all possible combinations of isomers[1] are covered.	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
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		
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated Covering well-defined substances and UVCB substances, polymers and homologues		
Methoxyacetic acid	210-894-6	625-45-6
N,N-dimethylformamide	200-679-5	68-12-2
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1
Lead monoxide (Lead oxide)	215-267-0	1317-36-8
Orange lead (Lead tetroxide)	215-235-6	1314-41-6
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6
Lead titanium trioxide	235-038-9	12060-00-3
Lead titanium zirconium oxide	235-727-4	12626-81-2
Silicic acid, lead salt	234-363-3	11120-22-2
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 of reproduction' Repr. 1a(CLP) or Category 1 (DSD); the substance is a member of a group entry of Lead components with index number 082-001-00-6 in Regulation (EC) No 1272/2008.	272-271-5	68784-75-8
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5
Methyloxirane (Propylene oxide)	200-879-2	75-56-9
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0
Diisopentylphthalate (DIPP)	210-088-4	605-50-5
N-pentyl-isopentylphthalate		776297-69-9
1,2-diethoxyethane	211-076-1	629-14-1
Acetic acid, lead salt, basic	257-175-3	51404-69-4
Lead oxide sulfate	234-853-7	12036-76-9
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9
Dioxobis(stearato)trilead	235-702-8	12578-12-0
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8
Lead cynamidate	244-073-9	20837-86-9
Lead dinitrate	233-245-9	10099-74-8

Pentalead tetraoxide sulphate	235-067-7	12065-90-6
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8
Sulfurous acid, lead salt, dibasic	263-467-1 6	62229-08-7
Tetraethyllead	201-075-4	78-00-2
Tetralead trioxide sulphate	235-380-9	12202-17-4
Trilead dioxide phosphonate	235-252-2	12141-20-7
Furan	203-727-3	110-00-9
Diethyl sulphate	200-589-6	64-67-5
Dimethyl sulphate	201-058-1	77-78-1
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0
4,4'-oxydianiline and its salts	202-977-0	101-80-4
4-aminoazobenzene	200-453-6	60-09-3
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8
Biphenyl-4-ylamine	202-177-1	92-67-1
o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	202-591-2	97-56-3
o-toluidine	202-429-0	95-53-4
N-methylacetamide	201-182-6	79-16-3

June 2012 List

Substance	EC Number(s)	CAS Number
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4
Diboron trioxide	215-125-8	1303-86-2
Formamide	200-842-0	75-12-7
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	219-514-3	2451-62-9
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
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1
[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
[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)]	208-953-6	548-62-9
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)]	209-218-2	561-41-1
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)]	229-851-8	

December 2011 List

Substance	EC Number(s)	CAS Number
Zirconia Aluminosilicate Refractory Ceramic Fibres		
Calcium arsenate	231-904-5	7778-44-1
Bis(2-methoxyethyl) ether	203-924-4	111-96-6
Aluminosilicate Refractory Ceramic Fibres		
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
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4

Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8
Lead diazide, Lead azide	236-542-1	13424-46-9
Lead styphnate	239-290-0	15245-44-0
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4
Phenolphthalein	201-004-7	77-09-8
Dichromium tris(chromate)	246-356-2	24613-89-6

June 2011 List

Substance	EC Number(s)	CAS Number
2-ethoxyethyl acetate	203-839-2	111-15-9
Strontium chromate	232-142-6	7789-06-2
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	271-084-6	68515-42-4
Hydrazine	206-114-9	302-01-2, 7803-57-8
1-methyl-2-pyrrolidone	212-828-1	872-50-4
1,2,3-trichloropropane	202-486-1	96-18-4
<b>1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)</b>	<b>276-158-1</b>	<b>71888-89-6</b>

December 2010 List

Substance	EC Number(s)	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/Dichromic acids + oligomers	231-801-5, 236-881-5	7738-94-5, 13530-68-2

June 2010 List

Substance	EC Number(s)	CAS Number
Trichloroethylene	201-167-4	79-01-6
Boric Acid	233-139-2	10043-35-3
	234-343-4	11113-50-1
Disodium Tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3
Tetraboron Disodium Heptaoxide, hydrate	235-541-3	12267-73-1
Sodium Chromate	231-889-5	7775-11-3
Potassium Chromate	232-140-5	7789-00-6
Ammonium Dichromate	232-143-1	7789-09-5
Potassium Dichromate	231-906-6	7778-50-9

January 2010 List

Substance	EC Number(s)	CAS Number
Anthracene Oil	292-602-7	90640-80-5
Anthracene Oil, Paste	295-278-5	91995-17-4
Anthracene Oil, Paste, Fraction	295-275-9	91995-15-2
Anthracene Oil, Anthracene low	292-604-8	90640-82-7
Anthracene Oil, Paste	292-603-2	90640-81-6
Pitch, Coal Tar, high temperature	266-028-2	65996-93-2
2,4-Dinitrotoluene	204-450-0	121-14-2
Diisobutyl Phthalate	201-553-2	84-69-5
Lead Chromate	231-846-0	7758-97-6
Lead Chromate Molybdate Sulphate Red	235-759-9	12656-85-8
Lead Sulfochromate Yellow	215-693-7	1344-37-2
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8
Acrylamide	201-173-7	

October 2008 List

Substance	EC Number(s)	CAS Number
Anthracene	204-371-1	120-12-7
4,4'-Diaminodiphenylmethane	202-974-4	101-77-9
Dibutyl Phthalate	201-557-4	84-74-2
Diarsenic Pentaoxide	215-116-9	1303-28-2
Diarsenic Trioxide	215-481-4	1327-53-3

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Sodium Dichromate	234-190-3	7789-12-0
Musk Xylene	201-329-4	81-15-2
DEHP	204-211-0	117-81-7
HBCDD + all major diastereoisomers	247-148-4, 221-695-9	25637-99-4
Alkanes, C10-13, (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8
Bis(tributyltin) oxide	200-268-0	56-35-9
Cobalt Dichloride	231-589-4	7646-79-9
Lead Hydrogen Arsenate	232-064-2	7784-40-9
Benzyl Butyl Phthalate	201-622-7	85-68-7
Triethyl Arsenate	427-700-2	15606-95-8