

**Data issued: June 21, 2023**  
**Valid period: 12 months**

## Bulletin

We, CHIMEI CORPORATION, to the best of our knowledge hereby certify that the resins listed below (hereinafter referred as "products") as directly manufactured by us

POLYLAC® ABS (J01) PA-765, PA-765A, PA-765A J01, PA-765B  
(J01) - The suffix may be used to denote the black color grade manufactured from CHIMEI Corp.

Please be informed that the composition of above grades of products, conform to contain the following REACH SVHC substance and exceeds aforementioned requirement according to (EC) 1907/2006;

Substance Name	CAS No.	EC number
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9

The composition of above grades of products are in compliance with REACH SVHC 234 substances listed below according to (EC) No 1907/2006 (the concentration of SVHC lower than 0.1% (w/w))

Substance Name	CAS No.	EC number	Substance Name	CAS No.	EC number
Cadmium	7440-43-9	231-152-8	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>		
Ammonium pentadecafluoroctanoate (APFO)	3825-26-1	223-320-4			
Pentadecafluoroctanoic acid (PFOA)	335-67-1	206-397-9			
Dipentyl phthalate (DPP)	131-18-0	205-017-9			
Cadmium oxide	1306-19-0	215-146-2	Bis (2-ethylhexyl)phthalate	117-81-7	204-211-0
Triethyl arsenate	15606-95-8	427-700-2			

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			(DEHP)		
Anthracene	120-12-7	204-371-1	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:		
4,4'-Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	Alpha-hexabromocyclododecane	25637-99-4 and 3194-55-6 (134237-50-6)	247-148-4 and 221-695-9
Dibutyl phthalate (DBP)	84-74-2	201-557-4	Beta-hexabromocyclododecane	(134237-51-7)	—
Cobalt dichloride	7646-79-9	231-589-4	Gamma-hexabromocyclododecane	(134237-52-8)	—
Diarsenic pentaoxide	1303-28-2	215-116-9	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5
Diarsenic trioxide	1327-53-3	215-481-4	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0
Sodium dichromate	7789-12-0	234-190-3	Lead hydrogen arsenate	7784-40-9	232-064-2
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7
Anthracene oil	90640-80-5	292-602-7	Zirconia Aluminosilicate, Refractory Ceramic Fibres	—	—
Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	2,4-Dinitrotoluene	121-14-2	204-450-0
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	Diisobutyl phthalate	84-69-5	201-553-2
Anthracene oil, anthracene-low	90640-82-7	292-604-8	Lead chromate	7758-97-6	231-846-0
Anthracene oil, anthracene paste	90640-81-6	292-603-2	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9
Coal tar pitch, high temp.	65996-93-2	266-028-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7
Acrylamide	79-06-1	201-173-7	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5
Aluminosilicate Refractory Ceramic Fibres	—	—			
Ammonium dichromate	7789-09-5	232-143-1	Potassium dichromate	7778-50-9	231-906-6
Boric acid	10043-35-3 (1113-50-1)	233-139-2 (234-343-4)	Sodium chromate	7775-11-3	231-889-5
Disodium tetraborate, anhydrous	1330-43-4	215-540-4	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3
Potassium chromate	7789-00-6	232-140-5	Trichloroethylene	79-01-6	201-167-4
Cobalt(II) sulphate	10124-43-3	233-334-2	Chromium trioxide	1333-82-0	215-607-8

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Cobalt(II) dinitrate	10141-05-6	233-402-1	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5
Cobalt(II) carbonate	513-79-1	208-169-4			
Cobalt(II) diacetate	71-48-7	200-755-8			
2-Methoxyethanol	109-86-4	203-713-7			
2-Ethoxylethanol	110-80-5	203-804-1			
2-Ethoxyethyl acetate	111-15-9	203-839-2	1-Methyl-2-pyrrolidone	872-50-4	212-828-1
Strontium chromate	7789-06-2	232-142-6	1, 2, 3-Trichloropropane	96-18-4	202-486-1
1, 2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	1, 2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1
Hydrazine	302-01-2 (7803-57-8)	206-114-9			
Calcium arsenate	7778-44-1	231-904-5	Pentazinc chromate octahydroxide	49663-84-5	256-418-0
Bis(2-methoxyethyl) ether	111-96-6	203-924-4	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1
Lead dipicrate	6477-64-1	229-335-2	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
N,N-dimethylacetamide	127-19-5	204-826-4	Lead diazide, Lead azide	13424-46-9	236-542-1
Arsenic acid	7778-39-4	231-901-9	Lead styphnate	15245-44-0	239-290-0
2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9
Trilead diarsenate	3687-31-8	222-979-5	Phenolphthalein	77-09-8	201-004-7
1,2-dichloroethane	107-06-2	203-458-1	Dichromium tris(chromate)	24613-89-6	246-356-2
[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5
$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	Formamide	75-12-7	200-842-0

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N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	59653-74-6	423-400-0	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9
Diboron trioxide	1303-86-2	215-125-8	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	90-94-8	202-027-5
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2			
Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1
Henicosafluoroundecanoic acid	2058-94-8	218-165-4	Hexahydromethylphthalic anhydride Hexahydro-4-methylphthalic anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1
Cyclohexane-1,2-dicarboxylic anhydride	85-42-7	201-604-9			
cis-cyclohexane-1,2-dicarboxylic anhydride	13149-00-3	236-086-3			
trans-cyclohexane-1,2-dicarboxylic anhydride	14166-21-3	238-009-9			
Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0
Lead dinitrate	10099-74-8	233-245-9	Silicic acid, lead salt	11120-22-2	234-363-3
4-Aminoazobenzene	60-09-3	200-453-6	Lead titanium zirconium oxide	12626-81-2	235-727-4
Lead monoxide (lead oxide)	1317-36-8	215-267-0	o-Toluidine	95-53-4	202-429-0

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3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	Silicic acid ( $H_2Si_2O_5$ ), barium salt (1:1), lead-doped	68784-75-8	272-271-5
Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	Furan	110-00-9	203-727-3
N,N-dimethylformamide	68-12-2	200-679-5	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	—	—
4-Nonylphenol, branched and linear	—	—	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8
Diethyl sulphate	64-67-5	200-589-6	Dimethyl sulphate	77-78-1	201-058-1
Lead oxide sulfate	12036-76-9	234-853-7	Lead titanium trioxide	12060-00-3	235-038-9
Acetic acid, lead salt, basic	51404-69-4	257-175-3	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	N-methylacetamide	79-16-3	201-182-6
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	1,2-Diethoxyethane	629-14-1	211-076-1
Tetralead trioxide sulphate	12202-17-4	235-380-9	N-pentyl-isopentylphthalate	776297-69-9	—
Dioxobis(stearato)trilead	12578-12-0	235-702-8	Tetraethyllead	78-00-2	201-075-4
Pentalead tetraoxide sulphate	12065-90-6	235-067-7	Pentacosfluorotridecanoic acid	72629-94-8	276-745-2
Tricosfluorododecanoic acid	307-55-1	206-203-2	Heptacosfluorotetradecanoic acid	376-06-7	206-803-4
1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	Methoxyacetic acid	625-45-6	210-894-6
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	Methyloxirane (Propylene oxide)	75-56-9	200-879-2
Trilead dioxide phosphonate	12141-20-7	235-252-2	o-aminoazotoluene	97-56-3	202-591-2
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	4,4'-oxydianiline and its salts	101-80-4	202-977-0
Orange lead (lead tetroxide)	1314-41-6	215-235-6	Biphenyl-4-ylamine	92-67-1	202-177-1

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Diisopentylphthalate	605-50-5	210-088-4	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1
Lead cyanamide	20837-86-9	244-073-9			
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3
Cadmium sulphide	1306-23-6	215-147-8	Dihexyl phthalate	84-75-3	201-559-5
Lead di(acetate)	301-04-2	206-104-4	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9
Trixylyl phosphate	25155-23-1	246-677-8			
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	Sodium perborate; perboric acid, sodium salt	—	239-172-9; 234-390-0
Cadmium chloride	10108-64-2	233-296-7	Sodium peroxometaborate	7632-04-4	231-556-4
Cadmium fluoride	7790-79-6	232-222-0	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	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)	—	—

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1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	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]	—	—
1,3-propanesultone G	1120-71-4	214-317-9	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8
Nitrobenzene	98-95-3	202-716-0			
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3
Benzo[def]chrysene	50-32-8	200-028-5			
4,4'-isopropylidene diphenol	80-05-7	201-245-8	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	335-76-2 3108-42-7 3830-45-3	206-400-3 221-470-5 —			
p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9			
Perfluorohexane-1-sulphonic acid and its salts	—	—	Chrysene	218-01-9	205-923-4
Benz[a]anthracene	56-55-3	200-280-6	Cadmium hydroxide	21041-95-2	244-168-5
Cadmium nitrate	10325-94-7	233-710-6	Cadmium carbonate	513-78-0	208-168-9

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1,6,7,8,9,14,15,16, 17,17,18,18- Dodecachloropentacyclo[12.2.1.1 <sup>6,9</sup> .0 <sup>2,1</sup> 3.0 <sup>5,10</sup> ]octadeca-7,1 5-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]	—	—
Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9
Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	Lead	7439-92-1	231-100-4
Disodium octaborate	12008-41-2	234-541-0	Benzo[ghi]perylene	191-24-2	205-883-8
Terphenyl hydrogenated	61788-32-7	262-967-7	Ethylenediamine (EDA)	107-15-3	203-468-6
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	15087-24-8	239-139-9	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1
Benzo[k]fluoranthene	207-08-9	205-916-6	Phenanthrene	85-01-8	201-581-5
Pyrene	129-00-0; 1718-52-1	204-927-3	Fluoranthene	206-44-0; 93951-69-0	205-912-4
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	—	—	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	—	—
2-methoxyethyl acetate	110-49-6	203-772-9	4-tert-butylphenol	98-54-4	202-679-0

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Perfluorobutane sulfonic acid (PFBS) and its salts	—	—	Diisohexyl phthalate	71850-09-4	276-090-2
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	2-benzyl-2-dimethylamino-4'-morpholinobutyrophene	119313-12-1	404-360-3
Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	butyl 4-hydroxybenzoate	94-26-8	202-318-7
2-methylimidazole	693-98-1	211-765-7	1-vinylimidazole	1072-63-5	214-012-0
Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	Diocetyltin 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	—	—
Glutaral	111-30-8	203-856-5	Orthoboric acid, sodium salt	13840-56-7	237-560-2
Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17	—	—	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	—	—
2,2-bis(bromomethyl)propane1,3-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)	3296-90-0; 36483-57-5; 1522-92-5; 96-13-9	221-967-7; 253-057-0; 202-480-9	4,4'-(1-methylpropylidene)bisphenol 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 1,4-dioxane	77-40-7 — 123-91-1	201-025-1 — 204-661-8

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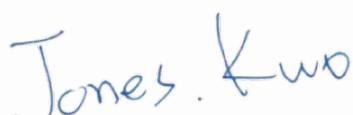
( $\pm$ )-1,7,7-trimethyl-3-[(4-methylphenyl)methyl]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	—	—			
(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	1782069-81-1	—			
(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	95342-41-9	—			
(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-25-4	—	S-(tricyclo(5.2.1.0 <sup>2,6</sup> )dec-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
( $\pm$ )-1,7,7-trimethyl-3-[(4-methylphenyl)methyl]bicyclo[2.2.1]heptan-2-one	36861-47-9	253-242-6			
(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	741687-98-9	—			
(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-30-1	—			
(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	852541-21-0	—			
tris(2-methoxyethoxy) vinylsilane	1067-53-4	213-934-0	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol	119-47-1	204-327-1
N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	1,1'-(ethane-1,2-diylbisoxyl) bis[2,4,6-tribromobenzene] - BTBPE	37853-59-1	253-692-3
4,4'-sulphonyldiphenol	80-09-1	201-250-5	Barium diboron tetraoxide	13701-59-2	237-222-4

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Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	—	—	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8
Melamine	108-78-1	203-615-4	Perfluoroheptanoic acid and its salts	—	—
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			
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9

Sincerely Yours,



Jones Kuo

Vice President of Research and Development Head Division

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