INK, HEART & SOUL

SIEGWERK

Declaration of non use of

SVHC (Substances of Very High Concern) of the "Candidate List" as updated on November 7th, 2024

In the manufacture of all products supplied by Siegwerk, the following substances of very high concern that could become subject to authorization according to article 57 of Regulation (EC) No 1907/2006, or raw materials containing these substances, are not used as intentionally added components:

Substance name	CAS number
Cadmium sulphide	1306-23-6
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	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)	1937-37-7
Dihexyl phthalate	84-75-3
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7
Lead di(acetate)	301-04-2
Trixylyl phosphate	25155-23-1
Cadmium	7440-43-9
Cadmium oxide	1306-19-0
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
Pentadecafluorooctanoic acid (PFOA)	335-67-1
Dipentyl phthalate (DPP)	131-18-0
4-Nonylphenol, branched and linear, ethoxylated	-
2,4-Dinitrotoluene	121-14-2
4,4'-Diaminodiphenylmethane	101-77-9
5-tert-Butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
Acrylamide	79-06-1
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
Aluminiosilicate, Refractory Ceramic Fibres	- [1]
Ammonium dichromate	7789-09-5
Anthracene	120-12-7
Anthracene oil	90640-80-5
Anthracene oil, anthracene paste	90640-81-6
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
Anthracene oil, anthracene paste, distn. lights[2]	91995-17-4
Anthracene oil, anthracene-low	90640-82-7
Benzyl butyl phthalate (BBP)	85-68-7
Bis(2-ethyl(hexyl)phthalate) (DEHP)	117-81-7
Bis(tributyltin)oxide	56-35-9

[1] All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labelling and Packaging of chemical substances and mixtures, the so-called CLP Regulation (Regulation (EC) No 1272/2008).
[2] Light fractions from distillation.

Substance name	CAS number
Boric acid	10043-35-3 / 11113-50-1
Cobalt dichloride	7546-79-9
Diarsenic pentaoxide	1303-28-2
Diarsenic trioxide	1327-53-3
Dibutyl phthalate (DBP)	84-74-2
Diisobutyl phthalate	84-69-5
Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	25637-99-4
1,2,5,6,9,10-hexabromocyclododecane	3194-55-6
Alpha-hexabromocyclododecane	134237-50-6
Beta-hexabromocyclododecane	134237-51-7
Gamma-hexabromocyclododecane	134237-52-8
Lead chromate	7758-97-6
Lead chromate molybdate sulphate red (C.I. Pigment Red 104) [3]	12656-85-8
Lead hydrogen arsenate	7784-40-9
Lead sulfochromate yellow (C.I. Pigment Yellow 34)[4]	1344-37-2
Pitch, coal tar, high temperature	65996-93-2
Potassium chromate	7789-00-6
Potassium dichromate	7778-50-9
Sodium chromate	7775-11-3
Sodium dichromate	7789-12-0 10588-01-9
Tetraboron disodium heptaoxide, hydrate	12267-73-1
Trichloroethylene	79-01-6
Triethyl arsenate	15606-95-8
Tris(2-chloroethyl)phosphate	115-96-8
Zirconia Aluminosilicate, Refractory Ceramic Fibres	- [2]
Cobalt(II) sulphate	10124-43-3
Cobalt(II) dinitrate	10141-05-6
Cobalt(II) carbonate	513-79-1
Cobalt(II) diacetate	71-48-7
2-Methoxyethanol	109-86-4
2-Ethoxyethanol	110-80-5
Chromium trioxide	1333-82-0
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 -
Cobalt dichloride	7646-79-9
2-Ethoxyethyl acetate	111-15-9
Strontium chromate	7789-06-2
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4

[3] C.I.: Colour Index

Substance name	CAS number
Hydrazine	7803-57-8 302-01-2
1-Methyl-2-pyrrolidone	872-50-4
1,2,3-Trichloropropane	96-18-4
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
Lead dipicrate	6477-64-1
Lead styphnate	15245-44-0
Lead diazide	13424-46-9
Phenolphthalein	77-09-8
2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
N,N-Dimethylacetamide (DMAC)	127-19-5
Trilead diarsenate	3687-31-8
Calcium arsenate	7778-44-1
Arsenic acid	7778-39-4
Bis(2-methoxyethyl) ether	111-96-6
1,2-Dichloroethane	107-06-2
4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9
2-Methoxyaniline o-Anisidine	90-04-0
Bis(2-methoxyethyl) phthalate	117-82-8
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
Pentazinc chromate octahydroxide	49663-84-5
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
Dichromium tris(chromate)	24613-89-6
1,2-Bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
1,2-Dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
Diboron trioxide	1303-86-2
Formamide	75-12-7
Lead(II) bis(methanesulfonate)	17570-76-2
TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9
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
4,4'-Bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
[4-[4,4'-Bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) Note: The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration ≥ 0.1% (weight / weight).	548-62-9
[4-[[4-Anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) Note: The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration ≥ 0.1% (weight / weight).	2580-56-5
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) Note: The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration ≥ 0.1% (weight / weight).	6786-83-0
4,4'-Bis(dimethylamino)-4''-(methylamino)trityl alcohol Note: The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration ≥ 0.1% (weight / weight).	561-41-1
Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5
Pentacosafluorotridecanoic acid	72629-94-8
Tricosafluorododecanoic acid	307-55-1

Substance name	CAS number
Henicosafluoroundecanoic acid	2058-94-8
Heptacosafluorotetradecanoic acid	376-06-7
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated -	-
4-Nonylphenol, branched and linear -	-
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
Cyclohexane-1,2-dicarboxylic anhydride cis-Cyclohexane-1,2-dicarboxylic anhydride trans-Cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3
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
Methoxy acetic acid	625-45-6
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
Diisopentylphthalate (DIPP)	605-50-5
N-Pentyl-isopentylphtalate	776297-69-9
1,2-Diethoxyethane	629-14-1
N,N-Dimethylformamide; dimethyl formamide	68-12-2
Dibutyltin dichloride (DBT)	683-18-1
Acetic acid, lead salt, basic	51404-69-4
Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6
Lead oxide sulfate (basic lead sulfate)	12036-76-9
[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9
Dioxobis(stearato)trilead	12578-12-0
Fatty acids, C16-18, lead salts	91031-62-8
Lead bis(tetrafluoroborate)	13814-96-5
Lead cynamidate	20837-86-9
Lead dinitrate	10099-74-8
Lead oxide (lead monoxide)	1317-36-8
Lead tetroxide (orange lead)	1314-41-6
Lead titanium trioxide	12060-00-3
Lead titanium Zirconium Oxide	12626-81-2
Pentalead tetraoxide sulphate	12065-90-6
Pyrochlore, antimony lead yellow	8012-00-8
Silicic acid, barium salt, lead-doped	68784-75-8
Silicic acid, lead salt	11120-22-2
Sulfurous acid, lead salt, dibasic	62229-08-7
Tetraethyllead	78-00-2
Tetralead trioxide sulphate	12202-17-4
Trilead dioxide phosphonate	12141-20-7
Furan	110-00-9
Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9
Diethyl sulphate	64-67-5
Dimethyl sulphate	77-78-1
3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
Dinoseb	88-85-7
4,4'-Methylenedi-o-toluidine	838-88-0
4,4'-Oxydianiline and its salts	101-80-4
4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3

Substance name	CAS number
4-Methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7
6-Methoxy-m-toluidine (p-cresidine)	120-71-8
Biphenyl-4-ylamine	92-67-1
o-Aminoazotoluene	97-56-3
o-Toluidine; 2-Aminotoluene	95-53-4
N-Methylacetamide	79-16-3
1-Bromopropane; n-propyl bromide	106-94-5
Cadmium chloride	10108-64-2
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
Sodium peroxometaborate	7632-04-4
Sodium perborate; perboric acid, sodium salt	15120-21-5; 11138-47-9
Cadmium fluoride	7790-79-6
Cadmium sulphate	10124-36-4; 31119-53-6
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetrade-canoate 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)	-
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
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	1120-71-4
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
Nitrobenzene	98-95-3
Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8
4,4'-Isopropylidenediphenol (Bisphenol A; BPA)	80-05-7
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7
p-(1,1-Dimethylpropyl)phenol	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, cover-ing also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-
Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-
Chrysene	218-01-9
Benz[a]anthracene	56-55-3
Cadmium nitrate	10325-94-7
Cadmium hydroxide	21041-95-2
Cadmium carbonate	513-78-0

Substance name	CAS number
1,6,7,8,9,14,15,16,17,17,18,18- Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octa-deca-7,15-diene (“Dechlorane Plus”TM) [covering any of its individual anti- and syn-iso-mers 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	-
Lead	7439-92-1
Disodium octaborate	12008-41-2
Benzo[ghi]perylene	191-24-2
Terphenyl hydrogenated	61788-32-7
Ethylenediamine (EDA)	107-15-3
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7
Dicyclohexyl phthalate (DCHP)	84-61-7
2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
Benzo[k]fluoranthene	207-08-9
Fluoranthene	206-44-0
Phenanthrene	85-01-8
Pyrene	129-00-0
1,7,7-Trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8
2-Methoxyethyl acetate	110-49-6
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-
2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (cov-ering any of their individual isomers and combinations thereof)	-
4-Tert-butylphenol	98-54-4
Diisohexyl phthalate	71850-09-4
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
2-Benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
Perfluorobutane sulfonic acid (PFBS) and its salts	-
1-Vinylimidazole	1072-63-5
2-Methylimidazole	693-98-1
Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8
Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8
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	-
2-(4-tert-Butylbenzyl)propionaldehyde and its individual stereoisomers	-
Orthoboric acid, sodium salt	13840-56-7
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
Glutaral	111-30-8
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)	-
1,4-Dioxane	123-91-1

Substance name	CAS number
4,4'-(1-Methylpropylidene)bisphenol	77-40-7
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1
tris(2-methoxyethoxy)vinylsilane	1067-53-4
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-
S-(tricyclo(5.2.1.02,6)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
N-(hydroxymethyl)acrylamide	924-42-5
1,1'-[Ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1
2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	79-94-7
4,4'-Sulphonyldiphenol	80-09-1
Barium diboron tetraoxide	13701-59-2
Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-
Isobutyl 4-hydroxybenzoate	4247-02-3
Melamine	108-78-1
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	-
Bis(4-chlorophenyl) sulphone	80-07-9
2,4,6-Tri-tert-butylphenol	732-26-3
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9
Bumetrizole	3896-11-5
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-
Bis(α,α-dimethylbenzyl) peroxide	80-43-3
Triphenyl phosphate	115-86-6

However, the presence of very minute but analytically detectable traces of these substances in the product originating from raw material impurities, from processes or as adventitious contaminant cannot be fully excluded. Siegwerk safeguards the retrieval of comprehensive documentation from all concerned suppliers via its centrally coordinated raw material introduction process. Therefore Siegwerk assures you that, according to the present scientific knowledge, potential traces of these substances in our products, if any, are by far below 0.1%.

In rare cases, the presence of the following substances cannot be completely excluded and may reach levels slightly above 0.1%:

Octamethylcyclotetrasiloxane (D4)	556-67-2
Decamethylcyclopentasiloxane (D5)	541-02-6
Dodecamethylcyclohexasiloxane (D6)	540-97-6
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (TPO)	75980-60-8
2-(Dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one (379)	119344-86-4

TPO (CAS 75980-60-8) and 379 (CAS 119344-86-4) are exclusively used in a number of UV printing inks and varnishes.

In any such case the respective substance will be listed in section 3.2 of the EU safety data sheets, as laid out in Annex II of the EU REACH Regulation. Section 15 of the EU SDS will list them as well.

The information in this document reflects Siegwerk's policy and commitments. This statement is valid without signature.