

Jul 10,2025

Dear Customers;

Investigation results of using 250 substances of very high concern (SVHC)
(ECHA 6/25/2025)

We would like to express our deep appreciation for your use of our resin products. As requested in your questionnaire, the investigation results of using 250 substances of very high concern (SVHC) are shown below.

1. Object Products

TORAY NYLON resin "AMILAN" all grades made in Toray Plastics (Suzhou)Co., Ltd
TORAY PBT resin "TORAYCON" all grades made in Toray Plastics (Suzhou)Co., Ltd
TORAY PPS resin "TORELINA" all grades made in Toray Plastics (Suzhou)Co., Ltd

2. Candidate List of Substances of Very High Concern for Authorisation (ECHA 6/25/2025)

Please refer to the attached list (attachment 1).

3. Investigation Results

We intentionally do not use the substances listed above.

Should you need more information, please feel free to contact us.

Yours faithfully,



Masayuki Mizoshita
Factory Manager
Toray Plastics (Suzhou) Co., Ltd.

Candidate List of Substances of Very High Concern for Authorisation (ECHA 6/25/2025)

No.	English Name	CAS No.
1	Anthracene	120-12-7
2	4,4'-Diaminodiphenylmethane	101-77-9
3	Dibutyl phthalate(DBP)	84-74-2
4	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7
5	Benzyl butyl phthalate(BBP)	85-68-7
6	Cobalt dichloride	7646-79-9
7	Diarsenic pentaoxide	1303-28-2
8	Diarsenic trioxide	1327-53-3
9	Lead hydrogen arsenate	7784-40-9
10	Triethyl arsenate	15606-95-8
11	Sodium dichromate dehydrate	7789-12-0
		10588-01-9
12	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2
13	HBCDD:Hexabromocyclododecane (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4
		3194-55-6
		134237-50-6
		134237-51-7
		134237-52-8
14	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
15	Bis(tributyltin)oxide	56-35-9
16	Anthracene oil	90640-80-5
17	Anthracene oil,anthracene paste,distn.lights	91995-17-4
18	Anthracene oil,anthracene paste,anthracene fraction	91995-15-2
19	Anthracene oil,anthracene-low	90640-82-7
20	Anthracene oil,anthracene paste	90640-81-6
21	pitch, coal tar, high temp.	65996-93-2
22	2,4-Dinitrotoluene	121-14-2
23	Acrylamide	79-06-1
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
25	Lead sulfochromate yellow(C.I. Pigment Yellow 34)	1344-37-2
26	Diisobutyl phthalate	84-69-5
27	Lead chromate	7758-97-6
28	Tris(2-chloroethyl)phosphate	115-96-8
29	Trichloroethylene	79-01-6
30	Boric acid	10043-35-3
		11113-50-1
31	Disodium tetraborate anhydrous	1330-43-4

		12179-04-3
		1303-96-4
32	Tetraboron disodium heptaoxide hydrous	12267-73-1
33	Sodium chromate	7775-11-3
34	Potassium chromate	7789-00-6
35	Ammonium dichromate	7789-09-5
36	Potassium dichromate	7778-50-9
37	Ethylene Glycol Monomethyl Ether	109-86-4
38	Ethylene Glycol Monoethyl Ether	110-80-5
39	cobalt(II) sulphate	10124-43-3
40	cobalt dinitrate	10141-05-6
41	Cobalt(II)carbonate	513-79-1
42	cobalt (di)acetate	71-48-7
43	Chromium trioxide	1333-82-0
44	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
45	2-Ethoxyethyl acetate	111-15-9
46	Ammonium dichromate	7789-06-2
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
48	Hydrazine	302-01-2
		7803-57-8
49	1-Methyl-2-pyrrolidone	872-50-4
50	1,2,3-Trichloropropane	96-18-4
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
52	Dichromium tris(chromate)	24613-89-6
53	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
54	Pentazinc chromate octahydroxide	49663-84-5
55	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 (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-
56	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 ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	
57	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
58	Bis(2-methoxyethyl) phthalate	117-82-8
59	2-Methoxyaniline; o-Anisidine	90-04-0
60	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
61	1,2-dichloroethane	107-06-2
62	Bis(2-methoxyethyl) ether	111-96-6
63	Arsenic acid	7778-39-4
64	Calcium arsenate	7778-44-1
65	Trilead diarsenate	3687-31-8
66	N,N-dimethylacetamide	127-19-5
67	2,2'-dichloro-4,4'-methylenedianiline	101-14-4
68	Phenolphthalein	77-09-8
69	Lead diazide, Lead azide	13424-46-9
70	Lead styphnate	15245-44-0
71	Lead dipicrate	6477-64-1
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
74	Diboron trioxide	1303-86-2
75	Formamide	75-12-7
76	bis(methanesulfonate)	17570-76-2
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9
78	8-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
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium	2580-56-5

	chloride (C.I. Basic Blue 26)	
83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methan ol (C.I. Solvent Blue 4)	6786-83-0
84	4,4'-bis(dimethylamino)-4''-(methylami no)trityl alcohol	561-41-1
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5
86	Pentacosafuorotridecanoic acid	72629-94-8
87	Tricosafuorododecanoic acid	307-55-1
88	Henicosafuoroundecanoic acid	2058-94-8
89	Heptacosafuorotetradecanoic acid	376-06-7
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
91	Cyclohexane-1,2-dicarboxylicanhydride(Hexahydrophthalic anhydride - HHPA)	85-42-7
	cis-1,2-cyclohexanedicarboxylic anhydride	13149-00-3
	1,3-Isobenzofurandione,hexahydro-, (3aR,7aR)-rel-	14166-21-3
92	Methylhexahydrophthalic anhydride	25550-51-0
	Hexahydro-4-methylphthalic anhydride	19438-60-9
	Methylhexahydrophthalic anhydride	48122-14-1
	/	57110-29-9
93	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]	-
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-
95	Methoxyacetic acid	625-45-6
96	N,N-dimethylformamide	68-12-2
97	Dibutyltin dichloride (DBTC)	683-18-1
98	Lead monoxide (Lead oxide)	1317-36-8
99	Orange lead (Lead tetroxide)	1314-41-6
100	Lead bis(tetrafluoroborate)	13814-96-5
101	Trilead bis(carbonate)dihydroxide	1319-46-6
102	Lead titanium trioxide	12060-00-3
103	Lead titanium zirconium oxide	12626-81-2
104	Silicic acid, lead salt	11120-22-2
105	Silicic acid (H ₂ SiO ₅), 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]	68784-75-8

106	1-bromopropane (n-propyl bromide)	106-94-5
107	Methyloxirane (Propylene oxide)	75-56-9
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
109	Diisopentylphthalate (DIPP)	605-50-5
110	N-pentyl-isopentylphthalate	776297-69-9
111	1,2-diethoxyethane	629-14-1
112	Acetic acid, lead salt, basic	51404-69-4
113	Lead oxide sulfate	12036-76-9
114	[Phthalato(2-)]dioxotrilead	69011-06-9
115	Dioxobis(stearato)trilead	12578-12-0
116	Fatty acids, C16-18, lead salts	91031-62-8
117	Lead cyanidate	20837-86-9
118	Lead dinitrate	10099-74-8
119	Pentalead tetraoxide sulphate	12065-90-6
120	Pyrochlore, antimony lead yellow	8012-00-8
121	Sulfurous acid, lead salt, dibasic	62229-08-7
122	Tetraethyllead	78-00-2
123	Tetralead trioxide sulphate	12202-17-4
124	Trilead dioxide phosphonate	12141-20-7
125	Furan	110-00-9
126	Diethyl sulphate	64-67-5
127	Dimethyl sulphate	77-78-1
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
130	4,4'-methylenedi-o-toluidine	838-88-0
131	4,4'-oxydianiline and its salts	101-80-4
132	4-aminoazobenzene	60-09-3
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8
135	Biphenyl-4-ylamine	92-67-1
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3
137	o-Toluidine; 2-Aminotoluene	95-53-4
138	N-methylacetamide	79-16-3
139	Cadmium	7440-43-9
140	Ammonium pentadecafluorooctanoate	3825-26-1
141	Pentadecafluorooctanoic acid	335-67-1
142	Dipentyl phthalate	131-18-0
143	4-Nonylphenol, branched and linear, ethoxylated	-
144	Cadmium oxide	1306-19-0
145	Cadmium sulphide	1306-23-6
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-	573-58-0

	aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	
147	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
148	Dihexyl phthalate	84-75-3
149	Imidazolidine-2-thione(2-imidazoline-2-thiol)	96-45-7
150	Lead di(acetate)	301-04-2
151	Trixylyl phosphate	25155-23-1
152	Cadmium chloride	10108-64-2
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
154	Sodium peroxometaborate	7632-04-4
155	Sodium perborate; perboric acid, sodium salt	-
156	cadmium fluoride	7790-79-6
157	cadmium sulfide	10124-36-4
		31119-53-6
158	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol(UV-320)	3846-71-7
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol(UV-328)	25973-55-1
160	2-Ethylhexyl 10-ethyl-4,4-di-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(DOTE)	15571-58-1
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-di-octyl-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)	-
162	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)	68515-51-5
		68648-93-1
163	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]	-
164	1,3-propanesultone	98-95-3
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	Nitrobenzene	1120-71-4
168	Perfluorononan-1-oic acid and its sodium and ammonium salts	375-95-1
		21049-39-8
		4149-60-4
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2
		3830-45-3

		3108-42-7
172	p-(1,1-dimethylpropyl)phenol	80-46-6
173	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]	-
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4
175	Benz[a]anthracene	56-55-3
		1718-53-2
176	Cadmium carbonate	513-78-0
177	Cadmium hydroxide	21041-95-2
178	Cadmium nitrate	10022-68-1
		10325-94-7
179	Chrysene	218-01-9
		1719-03-5
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)]	-
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7
183	Dicyclohexyl phthalate	84-61-7
184	Octamethylcyclotetrasiloxane	556-67-2
185	Decamethylcyclopentasiloxane	541-02-6
186	Dodecamethylcyclohexasiloxane	540-97-6
187	Lead	7439-92-1
188	Disodium octaborate	12008-41-2
189	Benzo[ghi]perylene	191-24-2
190	Terphenyl, hydrogenated	61788-32-7
191	Ethylenediamine	107-15-3
192	1,7,7-trimethyl-3-(phenylmethylene)-Bicyclo[2.2.1]heptan-2-one	15087-24-8
193	4,4'-(1,3-DIMETHYLBUTYLIDENE)DIPHENOL	6807-17-6
194	Benzo[k]fluoranthene	207-08-9
195	Fluoranthene	206-44-0
		93951-69-0
196	Phenanthrene	85-01-8
197	Pyrene	129-00-0
		1718-52-1
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-
199	2-methoxyethyl acetate	110-49-6

200	4-tert-butylphenol	98-54-4
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-
202	Diisohexyl phthalate	71850-09-4
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-
206	1-vinylimidazole	1072-63-5
207	2-methylimidazole	693-98-1
208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
209	Butyl 4-hydroxybenzoate	94-26-8
210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8
211	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	-
212	1,4-dioxane	123-91-1
213	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)	3296-90-0; 36483-57-5; 1522-92-5; 96-13-9
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7
216	Glutaral	111-30-8
217	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]	-
218	orthoboric acid, sodium salt	-
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-
220	(±)-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)	-
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1
222	S-(tricyclo[5.2.1.0 ² 2,6]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
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4
224	N-(hydroxymethyl)acrylamide	924-42-5
225	1,1'-(ethane-1,2-diylbis(oxy))bis[2,4,6-tribromobenzene]	37853-59-1
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
227	4,4'-sulphonyldiphenol	80-09-1
228	Barium diboron tetraoxide	13701-59-2
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-
230	Isobutyl 4-hydroxybenzoate	4247-02-3

231	melamine	108-78-1
232	Perfluoroheptanoic acid and its salts	-
233	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	-
234	Bis(4-chlorophenyl) sulphone	780-07-9
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
236	2,4,6-tri-tert-butylphenol	732-26-3
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4
239	Bumetizole	3896-11-5
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	/
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3
242	Triphenyl phosphate	115-86-6
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8
244	O,O,O-triphenyl phosphorothioate	597-82-0
245	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8
246	Octamethyltrisiloxane	107-51-7
247	Perfluamine	338-83-0
248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8
249	decamethyltetrasiloxane	141-62-8
250	tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-{4-{[4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	/