

Date : 16th June 2023

Attention : To whom it may concern

RE : **Non-use in Products – REACH Candidate List Substances**

Dear Sir / Madam,

The purpose of this letter is to address your inquiry related to the REACH status of our products.

We, Packaging Adhesive Equipment Consultants & Solutions Pty Ltd, hereby confirm that our hotmelt adhesive product(s) do not present at/or above 0.1% of the following listed substances regarding to composition information on Candidate List Substances related to the Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as updated by ECHA on 14th June 2023 in attachment.

We do not intentionally use or add any toxicological or hazardous substances in the design and manufacturing of our products. Therefore, our products shall expect to compliance REACH legislation and, cause no harmful to human health and environment.

Should you need any further information and assistance, please do not hesitate to contact us at your convenience.

Sincerely yours,



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Norman Clarke

Director

Packaging Adhesive Equipment Consultants & Solutions Pty Ltd

Attachment 1

No.	Substance Name	EC Number	CAS Number
1	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8
4	Anthracene	204-371-1	120-12-7
5	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7
6	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7
7	Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9
8	Cobalt dichloride	231-589-4	7646-79-9
9	Diarsenic pentaoxide	215-116-9	1303-28-2
10	Diarsenic trioxide	215-481-4	1327-53-3
11	Dibutyl phthalate (DBP)	201-557-4	84-74-2
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified <ul style="list-style-type: none"> - 1,2,5,6,9,10-hexabromocyclododecane - Hexabromocyclododecane - Alpha-hexabromocyclododecane - Beta-hexabromocyclododecane - Gamma-hexabromocyclododecane 	221-695-9 247-148-4	3194-55-6 25637-99-4 134237-50-6 134237-51-7 134237-52-8
13	Lead hydrogen arsenate	232-064-2	7784-40-9
14	Sodium dichromate	234-190-3	7789-12-0, 10588-01-9
15	Triethyl arsenate	427-700-2	15606-95-8
16	2,4-Dinitrotoluene	204-450-0	121-14-2
17	Anthracene oil	292-602-7	90640-80-5
18	Anthracene oil, anthracene paste	292-603-2	90640-81-6
19	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
20	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4
21	Anthracene oil, anthracene-low	292-604-8	90640-82-7
22	Diisobutyl phthalate	201-553-2	84-69-5
23	Lead chromate	231-846-0	7758-97-6
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2
26	Pitch, coal tar, high-temp.	266-028-2	65996-93-2
27	Tris(2-chloroethyl) phosphate	204-118-5	115-96-8
28	Acrylamide	201-173-7	79-06-1
29	Ammonium dichromate	232-143-1	7789-09-5
30	Boric acid <ul style="list-style-type: none"> - Boric acid, crude natural 	233-139-2 234-343-4	10043-35-3 11113-50-1
31	Disodium tetraborate, anhydrous	215-540-4	12179-04-3, 1303-96-4, 1330-43-4,
32	Potassium chromate	232-140-5	7789-00-6
33	Potassium dichromate	231-906-6	7778-50-9
34	Sodium chromate	231-889-5	7775-11-3
35	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
36	Trichloroethylene	201-167-4	79-01-6
37	2-Ethoxyethanol	203-804-1	110-80-5
38	2-Methoxyethanol	203-713-7	109-86-4

Our adhesive supplier has the following certifications:



	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 - Refractories, fibers, aluminosilicate		142844-00-6
72	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4
73	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2
74	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9
75	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
76	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
77	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8
78	[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
79	[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
80	Diboron trioxide	215-125-8	1303-86-2
81	Formamide	200-842-0	75-12-7
82	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2
83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1
84	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	6786-83-0
85	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0
86	1,2-diethoxyethane	211-076-1	629-14-1
87	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5
88	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2
89	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0
90	4,4'-oxydianiline and its salts - 4,4'-oxydianiline	202-977-0	101-80-4

Our adhesive supplier has the following certifications:



91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues <ul style="list-style-type: none"> - Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether - 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethanol - 20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol - Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy - 2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethanol 	219-682-8	9002-93-1 2315-61-9 2497-59-8 9036-19-5 2315-67-5
92	4-aminoazobenzene	200-453-6	60-09-3
93	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7
94	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 <ul style="list-style-type: none"> - Phenol, 4-nonyl-, branched - p-nonylphenol - p-(1,1-dimethylheptyl)phenol - p-isononylphenol - p-(1-methyloctyl)phenol - 4-(1-ethyl-1-methylhexyl)phenol - 4-(1-Ethyl-1,3-dimethylpentyl)phenol - 4-(1-Ethyl-1,4-dimethylpentyl)phenol - 4-(3-ethylheptan-2-yl)phenol - Isononylphenol - Nonylphenol - 4-(1,1,5-Trimethylhexyl)phenol - Phenol, nonyl-, branched 	284-325-5 203-199-4 250-339-5 247-770-6 241-427-4 257-907-1 234-284-4 246-672-0 291-844-0	84852-15-3 104-40-5 30784-30-6 26543-97-5 17404-66-9 52427-13-1 186825-36-5 142731-63-3 186825-39-8 11066-49-2 25154-52-3 521947-27-3 90481-04-2
95	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8
96	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9
97	Acetic acid, lead salt, basic	257-175-3	51404-69-4
98	Biphenyl-4-ylamine	202-177-1	92-67-1
99	Bis(pentabromophenyl) ether (decabromodiphenyl ether (DecaBDE))	214-604-9	1163-19-5
100	Cyclohexane-1,2-dicarboxylic anhydride all possible combinations of the cis- and trans-isomers <ul style="list-style-type: none"> - Cyclohexane-1,2-dicarboxylic anhydride - trans-cyclohexane-1,2-dicarboxylic anhydride - cis-cyclohexane-1,2-dicarboxylic anhydride 	201-604-9 238-009-9 236-086-3	85-42-7 14166-21-3 13149-00-3
101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3
102	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1
103	Diethyl sulphate	200-589-6	64-67-5
104	Diisopentyl phthalate	210-088-4	605-50-5
105	Dimethyl sulphate	201-058-1	77-78-1
106	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7
107	Dioxobis(stearato)trilead	235-702-8	12578-12-0
108	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8
109	Furan	203-727-3	110-00-9
110	Henicosaflluoroundecanoic acid	218-165-4	2058-94-8
111	Heptacosaflluorotetradecanoic acid	206-803-4	376-06-7

Our adhesive supplier has the following certifications:



112	Hexahydromethylphthalic anhydride including cis- and trans- stereo isomeric forms and all possible combinations of the isomers <ul style="list-style-type: none"> - Hexahydro-1-methylphthalic anhydride - Hexahydro-4-methylphthalic anhydride - Hexahydromethylphthalic anhydride - Hexahydro-3-methylphthalic anhydride 	256-356-4 243-072-0 247-094-1 260-566-1	48122-14-1 19438-60-9 25550-51-0 57110-29-9
113	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5
114	Lead cyanamidate	244-073-9	20837-86-9
115	Lead dinitrate	233-245-9	10099-74-8
116	Lead monoxide (lead oxide)	215-267-0	1317-36-8
117	Lead oxide sulfate	234-853-7	12036-76-9
118	Lead titanium trioxide	235-038-9	12060-00-3
119	Lead titanium zirconium oxide	235-727-4	12626-81-2
120	Methoxyacetic acid	210-894-6	625-45-6
121	Methyloxirane (Propylene oxide)	200-879-2	75-56-9
122	N,N-dimethylformamide	200-679-5	68-12-2
123	N-methylacetamide	201-182-6	79-16-3
124	N-pentyl-isopentyl phthalate	-	776297-69-9
125	o-aminoazotoluene	202-591-2	97-56-3
126	o-toluidine	202-429-0	95-53-4
127	Orange lead (lead tetroxide)	215-235-6	1314-41-6
128	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8
129	Pentalead tetraoxide sulphate	235-067-7	12065-90-6
130	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8
131	Silicic acid (H ₂ Si ₂ O 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	272-271-5	68784-75-8
132	Silicic acid, lead salt	234-363-3	11120-22-2
133	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7
134	Tetraethyllead	201-075-4	78-00-2
135	Tetralead trioxide sulphate	235-380-9	12202-17-4
136	Tricosafuorododecanoic acid	206-203-2	307-55-1
137	Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6
138	Trilead dioxide phosphonate	235-252-2	12141-20-7
139	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 <ul style="list-style-type: none"> - Nonylphenol, ethoxylated (8-EO) - 26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaohexacosan-1-ol - Nonylphenol, ethoxylated (6,5-EO) - Nonylphenol, branched, ethoxylated (1 - 2.5 moles ethoxylated) - 4-Nonylphenol, ethoxylated (1 - 2.5 moles ethoxylated) - 20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol - Nonylphenol, ethoxylated (10-EO) - Nonylphenol, ethoxylated 	500-209-1 500-045-0 248-743-1 500-024-6	9016-45-9 14409-72-4 9016-45-9 68412-54-4 26027-38-3 27942-27-4 9016-45-9 9016-45-9

Our adhesive supplier has the following certifications:



	- Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-, branched		68412-54-4
	- Poly (oxy-1,2-ethanediyl), alpha -(nonylphenyl)-omega-hydroxy-, branched		68412-54-4
	- 2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	230-770-5	7311-27-5
	- Nonylphenol, ethoxylated (15-EO)		9016-45-9
	- 2-[2-(4-nonylphenoxy)ethoxy]ethanol	243-816-4	20427-84-3
	- 4-Nonylphenol, branched, ethoxylated		127087-87-0
	- 4-Nonylphenol, branched, ethoxylated (1 - 2.5 moles ethoxylated)	500-315-8	127087-87-0
	- 17-(4-nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol		34166-38-6
	- Isononylphenol, ethoxylated		37205-87-1
	- Nonylphenol, ethoxylated (polymer)		
	- Nonylphenol, ethoxylated (EO = 4)		
	- Nonylphenol, ethoxylated (EO = 10)		
	- 4-t-Nonylphenol-diethoxylate		156609-10-8
	- 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-		20636-48-0
	- 2-(nonylphenoxy)ethanol	248-762-5	27986-36-3
	- 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	255-695-5	42173-90-0
	- 44-(nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecaquatetracontanol	260-678-0	57321-10-5
	- 20-(isononylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	265-785-6	65455-69-8
	- 3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-, branched	293-926-1	91648-64-5
	- Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-		9016-45-9
	- 3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-		65455-72-3
	- 3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-		27177-01-1
	- 2-{2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethoxy}ethanol		1119449-38-5
	- 2-[4-(3,6-dimethylheptan-3-yl)phenoxy]ethanol		1119449-37-4
	- Nonylphenolpolyglycolether		
	- 2-(4-nonylphenoxy)ethanol		104-35-8
	- 29-(nonylphenoxy)-3,6,9,12,15,18,21,24,27-nonaoxanonacosanol	248-294-1	27177-08-8
	- 23-(nonylphenoxy)-3,6,9,12,15,18,21-heptaoxatricosan-1-ol	248-293-6	27177-05-5
	- 20-(nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	248-292-0	27177-03-3
	- 2-[2-(nonylphenoxy)ethoxy]ethanol	248-291-5	27176-93-8
	- 26-(nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol	247-816-5	26571-11-9
	- 2-(isononylphenoxy)ethanol	284-987-5	85005-55-6
	- 14-(nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol	247-555-7	26264-02-8
140	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1
141	Cadmium	231-152-8	7440-43-9
142	Cadmium oxide	215-146-2	1306-19-0
143	Dipentyl phthalate (DPP)	205-017-9	131-18-0

Our adhesive supplier has the following certifications:



144	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1
145	Cadmium sulphide	215-147-8	1306-23-6
146	Dihexyl phthalate	201-559-5	84-75-3
147	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
148	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
149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7
150	Lead di(acetate)	206-104-4	301-04-2
151	Trixylyl phosphate	246-677-8	25155-23-1
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4
153	Cadmium chloride	233-296-7	10108-64-2
154	Sodium perborate; perboric acid, sodium salt <ul style="list-style-type: none"> - Perboric acid, sodium salt, tetrahydrate - Perboric acid (HBO(O₂)), sodium salt, tetrahydrate - Sodium perborate monohydrate - Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6) - Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2) - Perboric acid, sodium salt - Perboric acid (H₃BO₂(O₂)), monosodium salt, trihydrate - Sodium perborate 	234-390-0 239-172-9	37244-98-7 10486-00-7 10332-33-9 125022-34-6 90568-23-3 11138-47-9 13517-20-9 15120-21-5
155	Sodium peroxometaborate	231-556-4	7632-04-4
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1
159	Cadmium fluoride	232-222-0	7790-79-6
160	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6
161	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)	-	-
162	1,2-benzenedicarboxylic acid, di-C ₆ -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) <ul style="list-style-type: none"> - 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters - 1,2-Benzenedicarboxylic acid, di-C₆-10-alkyl esters 	272-013-1 271-094-0	68648-93-1 68515-51-5
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		

Our adhesive supplier has the following certifications:



	<ul style="list-style-type: none"> - Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane - 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)- - 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane - 1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)- - 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- - 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel- - 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- - 1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel- - 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- - 1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- - 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- - 1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- - 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis- - 1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans- - Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane - 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane 			<p>117933-89-8</p> <p>186309-28-4</p> <p>676367-05-8</p> <p>343934-04-3</p> <p>676367-09-2</p> <p>343934-05-4</p> <p>676367-04-7</p> <p>676367-08-1</p> <p>676367-03-6</p> <p>676367-07-0</p> <p>676367-02-5</p> <p>676367-06-9</p> <p>413-720-9</p>
164	1,3-propanesultone	214-317-9	1120-71-4	
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	

Our adhesive supplier has the following certifications:



166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3
167	Nitrobenzene	202-716-0	98-95-3
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts <ul style="list-style-type: none"> - Perfluorononan-1-oic-acid - Sodium salts of perfluorononan-1-oic-acid - Ammonium salts of perfluorononan-1-oic-acid 	206-801-3	375-95-1 21049-39-8 149-60-4
169	Benzo[def]chrysene	200-028-5	50-32-8
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7
171	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 <ul style="list-style-type: none"> - 4-heptylphenol - Phenol, heptyl derivs. - 4-(3-ethylpentan-3-yl)phenol - 4-(2-methylhexan-2-yl)phenol - 4-(3,3-dimethylpentan-2-yl)phenol - 4-(3-methylhexan-2-yl)phenol - 4-(4,4-dimethylpentan-2-yl)phenol - 4-(4-methylhexan-2-yl)phenol - 4-(5-methylhexan-2-yl)phenol - 4-(2,2-dimethylpentan-3-yl)phenol - Phenol, 4-(1-ethyl-1,2-dimethylpropyl)- - 4-(heptan-3-yl)phenol - 4-(heptan-2-yl)phenol - 4-(heptan-4-yl)phenol - 4-(3-ethylpentyl)phenol - 4-(3-methylhexyl)phenol - 4-(4-methylhexyl)phenol - 4-(5-methylhexyl)phenol - 4-(2,4-dimethylpentan-3-yl)phenol - Phenol, 4-tert-heptyl- - 4-(2,3-dimethylpentan-2-yl)phenol - 4-(3-methylhexan-3-yl)phenol - 4-(2,4-dimethylpentan-2-yl)phenol - 4-(2,3,3-trimethylbutan-2-yl)phenol - 4-(5-methylhexan-3-yl)phenol 	217-862-0 276-743-1	1987-50-4 72624-02-3 37872-24-5 30784-31-7 911371-06-7 854904-93-1 911371-07-8 71945-81-8 857629-71-1 861010-65-3 30784-27-1 6465-74-3 6863-24-7 6465-71-0 911370-98-4 102570-52-5 1139800-98-8 100532-36-3 1824346-00-0 288864-02-8 861011-60-1 30784-32-8 33104-11-9 72861-06-4 854904-92-0
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts <ul style="list-style-type: none"> - Nonadecafluorodecanoic acid - sodium nonadecafluorodecanoate - Ammonium nonadecafluorodecanoate 	206-400-3 221-470-5	335-76-2 3830-45-3 3108-42-7
173	p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS) <ul style="list-style-type: none"> - perfluorohexane-1-sulphonic acid - ammonium perfluorohexane-1-sulphonate - tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) - potassium perfluorohexane-1-sulphonate - Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1- 	206-587-1 269-511-6 274-462-9 223-393-2	355-46-4 68259-08-5 70225-16-0 3871-99-6 1310480-24-0

Our adhesive supplier has the following certifications:



ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		
- Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		1310480-27-3
- Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		1310480-28-4
- Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)		1329995-45-0
- Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)		1329995-69-8
- Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		144116-10-9
- Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		1462414-59-0
- Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		153443-35-7
- Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)		189274-31-5
- 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1)		202189-84-2
- Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		213740-81-9
- Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		341548-85-4
- 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)		350836-93-0
- 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)		41184-65-0
- 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)		41242-12-0
- Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)		421555-73-9
- Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic		421555-74-0
- Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)		425670-70-8
- 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)		55120-77-9

Our adhesive supplier has the following certifications:



	<ul style="list-style-type: none"> - 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt - 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1) - 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt - Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI) - Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) - Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) - Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate - 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) - Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) - 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) - N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate - N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate - Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) - 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI) 		<p>70136-72-0</p> <p>72033-41-1</p> <p>82382-12-5</p> <p>866621-50-3</p> <p>910606-39-2</p> <p>911027-68-4</p> <p>911027-69-5</p> <p>92011-17-1</p> <p>928049-42-7</p> <p>1187817-57-7</p> <p>108427-55-0</p> <p>108427-54-9</p> <p>1000597-52-3</p> <p>341035-71-0</p>
175	<p>1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1^{6,9,0²,13,0⁷,10}]octadeca-7,15-diene ("Dechlorane Plus"TM) covering any of its individual anti- and syn-isomers or any combination thereof</p> <ul style="list-style-type: none"> - (1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1^{6,9,0²,13,0⁷,10}]octadeca-7,15-diene - 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.1^{6,9,0²,13,0⁷,10}]octadeca-7,15-diene - (1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18- 		<p>135821-03-3</p> <p>236-948-9</p> <p>13560-89-9</p> <p>135821-74-8</p>

Our adhesive supplier has the following certifications:



	Dodecachloropentacyclo[12.2.1.1.1 ^{6,9,0} 2, ^{13,07,10}]octadeca-7,15-diene - rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene - rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene		
176	Benz[a]anthracene	200-280-6	56-55-3
177	Cadmium carbonate	208-168-9	513-78-0
178	Cadmium hydroxide	244-168-5	21041-95-2
179	Cadmium nitrate	233-710-6	10325-94-7
180	Chrysene	205-923-4	218-01-9
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) - Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. - Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	300-298-5	1471311-26-8 93925-00-9
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	209-008-0	552-30-7
183	Benzo[ghi]perylene	205-883-8	191-24-2
184	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6
185	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7
186	Disodium octaborate	234-541-0	12008-41-2
187	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6
188	Ethylenediamine (EDA)	203-468-6	107-15-3
189	Lead	231-100-4	7439-92-1
190	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2
191	Terphenyl, hydrogenated	262-967-7	61788-32-7
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	239-139-9	15087-24-8
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6
194	Benzo[k]fluoranthene	205-916-6	207-08-9
195	Fluoranthene	205-912-4	206-44-0
196	Phenanthrene	201-581-5	85-01-8
197	Pyrene	204-927-3	129-00-0
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof - Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate - Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	266-578-3	67118-55-2 62037-80-3

Our adhesive supplier has the following certifications:



	- 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	218-173-8	2062-98-8
	- 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	236-236-8	13252-13-6
	- Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)-		75579-39-4
	- Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)-		75579-40-7
199	2-methoxyethyl acetate	203-772-9	110-49-6
200	4-tert-butylphenol	202-679-0	98-54-4
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)		
	- Phenol, 4-nonyl-, phosphite (3:1)	247-759-6	3050-88-2
	- Tris(nonylphenyl) phosphite		26523-78-4
	- tris(4-nonylphenyl, branched) phosphite		31631-13-7
	- Phenol, p-isononyl-, phosphite (3:1)		106599-06-8
	- Phenol, p-sec-nonyl-, phosphite		
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one ACETOCURE 97; GENOCURE*PMP; IGM 4817; IRGACURE 907; SPEEDCURE 97	400-600-6	71868-10-5
204	Diisohexyl phthalate	276-090-2	71850-09-4
205	Perfluorobutane sulfonic acid (PFBS) and its salts		
	- Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	249-616-3	29420-49-3
	- 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	206-793-1	375-73-5
	- bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate	432-660-4	194999-85-4
	- tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	444-440-5	220689-12-3
	- dimethyl(phenyl)sulfanium perfluorobutanesulfonate	452-310-4	220133-51-7
	- Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	269-513-7	68259-10-9
	- Triphenylsulfanium perfluorobutane sulfonate	478-340-8	144317-44-2
	- N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate		25628-08-4
	- magnesium perfluorobutanesulfonate		507453-86-3
	- lithium perfluorobutanesulfonate		131651-65-5
	- morpholinium perfluorobutanesulfonate		503155-89-3
	- 1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium	468-770-4	
	1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate		
206	1-vinylimidazole	214-012-0	1072-63-5
207	2-methylimidazole	211-765-7	693-98-1
208	Butyl 4-hydroxybenzoate	202-318-7	94-26-8
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4
210	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8
211	Diocetyl tin 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		
	- Stannane, dioctyl-, bis(coco acyloxy) derivs.	293-901-5	91648-39-4

Our adhesive supplier has the following certifications:



	<ul style="list-style-type: none"> - dioctyltin dilaurate; stannane, dioctyl-, bis(cocoacyloxy) derivs. - Dioctyltin dilaurate 	222-883-3	3648-18-8
212	1,4-dioxane	204-661-8	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) <ul style="list-style-type: none"> - 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) - 2,3-dibromo-1-propanol (2,3-DBPA) - 2,2-bis(bromomethyl)propane-1,3-diol (BMP) - 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 	253-057-0	36483-57-5
		202-480-9	96-13-9
		221-967-7	3296-90-0
			1522-92-5
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers <ul style="list-style-type: none"> - (2R)-3-(4-tert-butylphenyl)-2-methylpropanal - 2-(4-tert-butylbenzyl)propionaldehyde - (2S)-3-(4-tert-butylphenyl)-2-methylpropanal 	201-289-8	75166-31-3 80-54-6 75166-30-2
215	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7
216	Glutaral	203-856-5	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 <ul style="list-style-type: none"> - Alkanes, C14-17, chloro - di-, tri- and tetrachlorotetradecane - Tetradecane, chloro derivs. - Alkanes, C14-16, chloro 	287-477-0	85535-85-9 198840-65-2 1372804-76-6
218	Orthoboric acid, sodium salt <ul style="list-style-type: none"> - Boric acid, sodium salt - Orthoboric acid, sodium salt - boric acid (H3BO3), sodium salt, hydrate - boric acid (H3BO3), sodium salt (1:1) - Boric acid (H3BO3), disodium salt - Trisodium orthoborate 	215-604-1 237-560-2 238-253-6	1333-73-9 13840-56-7 25747-83-5 14890-53-0 22454-04-2 14312-40-4
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from 15ligomerization, covering any individual isomers and/ or combinations thereof (PDDP) <ul style="list-style-type: none"> - 4-isododecylphenol - Phenol, tetrapropylene- - Phenol, 4-dodecyl, branched - Phenol, (tetrapropenyl) derivatives - Phenol, 4-isododecyl- - Phenol, dodecyl-, branched 	310-154-3	27459-10-5 57427-55-1 210555-94-5 74499-35-7 27147-75-7 121158-58-5
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) <ul style="list-style-type: none"> - (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one - (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one 	253-242-6	36861-47-9 1782069-81-1

Our adhesive supplier has the following certifications:



	<ul style="list-style-type: none"> - (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one - (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one - (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one - (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one - (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one 		<p>95342-41-9</p> <p>852541-30-1</p> <p>852541-21-0</p> <p>741687-98-9</p> <p>852541-25-4</p>
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1
222	S-(tricyclo(5.2.1.0 ² .6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate (X4261)	401-850-9	255881-94-8
223	Tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4
224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1
226	2,2',6,6'-tetrabromo-44'-isopropylidenediphenol	201-236-9	79-94-7
227	4,4'-sulphonyldiphenol	201-250-5	80-09-1
228	Barium diboron tetraoxide	237-222-4	13701-59-2
229	bis(2-ethylhexyl)tetrabromophthalate covering any of the individual isomers and/or combinations thereof <ul style="list-style-type: none"> - Bis(2-ethylhexyl)tetrabromophthalate 	247-426-5	26040-51-7
230	Isobutyl-4-hydroxybenzoate	224-208-8	4247-02-3
231	Melamine	203-615-4	108-78-1
232	Perfluoroheptanoic acid and its salts <ul style="list-style-type: none"> - Ammonium perfluoroheptanoate - Potassium perfluoroheptanoate - Perfluoroheptanoic acid - Sodium perfluoroheptanoate 	228-098-2 206-798-9 243-518-4	6130-43-4 21049-36-5 375-85-9 20109-59-5
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	473-390-7	-
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8
235	Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9

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