

Anhang R-L2 zur Vergabegrundlage RAL-UZ 171
Liste der relevanten Stoffe, die die Kriterien für die Identifizierung als PBT- und vPvB – Stoffe erfüllen*)

EC-Nr.	CAS-Nr.	Substanz Name
295-275-9	91995-15-2	Anthracene oil, anthracene paste, anthracene fraction
295-278-5	91995-17-4	Anthracene oil, anthracene paste, distn. Lights
205-107-8	133-49-3	Pentachlorobenzenethiol
292-604-8	90640-82-7	Anthracene oil, anthracenelow
292-602-7	90640-80-5	Anthracene oil
292-603-2	90640-81-6	Anthracene oil, anthracene paste
204-371-1	120-12-7	Anthracene, pure
201-765-5	87-68-3	Hexachlorobuta-1,3-diene
206-033-9	294-62-2	Cyclododecane
200-897-0	75-74-1	Tetramethyllead
292-607-4	90640-86-1	Distillates (coal tar), heavy oils
295-507-9	92061-94-4	Residues (coal tar), pitch distn.
287-476-5	85535-84-8	Alkanes, C10-13, chloro
247-148-4	25637-99-4	Hexabromocyclododecane
295-304-5	91995-42-5	Distillates (coal tar), heavy oils, pyrene fraction
217-406-0	1836-75-5	Nitrofen
295-313-4	91995-52-7	Distillates (coal tar), pitch, pyrene fraction
251-087-9	32536-52-0	Diphenyl ether, octabromo derivative
200-268-0	56-35-9	Bis(tributyltin)oxide (TBTO)
201-757-1	87-61-6	1,2,3-Trichlorobenzene
204-428-0	120-82-1	1,2,4-Trichlorobenzene
266-028-2	65996-93-2	Pitch, coal tar, hightemp.
204-079-4	115-29-7	Endosulfan
200-024-3	50-29-3	Clofenotane (= p,pDDT)
200-401-2	58-89-9	Lindane
204-082-0	115-32-2	Dicofol
204-273-9	118-74-1	Hexachlorobenzene

Kandidatenliste der besonders besorgniserregenden Stoffe zur Zulassung*)

Substance Name	EC Number	CAS Number
[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
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
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1
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
Diboron trioxide	215-125-8	1303-86-2
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2
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
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2
Formamide	200-842-0	75-12-7
[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
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9
N,N-dimethylacetamide	204-826-4	127-19-5
Phenolphthalein	201-004-7	77-09-8
Lead diazide, Lead azide	236-542-1	13424-46-9
Lead dipicrate	229-335-2	6477-64-1
1,2-dichloroethane	203-458-1	107-06-2
Calcium arsenate	231-904-5	7778-44-1
Dichromium tris(chromate)	246-356-2	24613-89-6
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0
Pentazinc chromate octahydroxide	256-418-0	49663-84-5
Arsenic acid	231-901-9	7778-39-4
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9

Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4
Lead styphnate	239-290-0	15245-44-0
Trilead diarsenate	222-979-5	3687-31-8
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		
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8
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 (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight		
Bis(2-methoxyethyl) ether	203-924-4	111-96-6
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4
Cobalt dichloride	231-589-4	7646-79-9
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4
Strontium chromate	232-142-6	7789-06-2
1-Methyl-2-pyrrolidone	212-828-1	872-50-4
1,2,3-Trichloropropane	202-486-1	96-18-4
2-Ethoxyethyl acetate	203-839-2	111-15-9
Hydrazine	206-114-9	302-01-2, 7803-57-8
Cobalt(II) diacetate	200-755-8	71-48-7
Cobalt(II) sulphate	233-334-2	10124-43-3
2-Ethoxyethanol	203-804-1	110-80-5
2-Methoxyethanol	203-713-7	109-86-4
Chromium trioxide	215-607-8	1333-82-0

Cobalt(II) carbonate	208-169-4	513-79-1
Cobalt(II) dinitrate	233-402-1	10141-05-6
Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5, 236-881-5	7738-94-5, 13530-68-2
Trichloroethylene	201-167-4	79-01-6
Potassium dichromate	231-906-6	7778-50-9
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
Ammonium dichromate	232-143-1	7789-09-5
Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1
Sodium chromate	231-889-5	7775-11-3
Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3
Potassium chromate	232-140-5	7789-00-6
Acrylamide	201-173-7	79-06-1
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
Anthracene oil	292-602-7	90640-80-5
2,4-Dinitrotoluene	204-450-0	121-14-2
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
Anthracene oil, anthracene-low	292-604-8	90640-82-7
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8
Diisobutyl phthalate	201-553-2	84-69-5
Lead chromate	231-846-0	7758-97-6
Anthracene oil, anthracene paste	292-603-2	90640-81-6
Pitch, coal tar, high temp.	266-028-2	65996-93-2
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4
Lead hydrogen arsenate	232-064-2	7784-40-9
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2
Diarsenic trioxide	215-481-4	1327-53-3
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9
Triethyl arsenate	427-700-2	15606-95-8
Diarsenic pentaoxide	215-116-9	1303-28-2
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9
Dibutyl phthalate (DBP)	201-557-4	84-74-2
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8
Anthracene	204-371-1	120-12-7
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)

*) Quelle: JAMP-Liste deklarierungspflichtiger Stoffe, Stand: 24.12.2010 sowie ECHA Kandidatenliste (Stand 18.6.2012)