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SUSUMU Co.,Ltd RoHS Compliance Information - Jun/04/2015

Certificate of RoHS Compliance

This is to certify that all components listed below are RoHS compliant and meet the requirements of the current EU RoHS Directive 2011/65/EU, and do not contain the substances listed in the table below in concentrations exceeding the Maximum Concentration Value (MCV).

Series:

PRG, URG, RG, RR, RGH, RM, RT, YJP, RN, RA, CP, RRS, RL, RP, RPH, PRL, KRL, HPL, TFL, HTC, TBF, TBL, TDP, TBB, FL, PAT, PS, PXV, DS, GL, PCMC, PCMB

Substance Maximum Concentration Value:

Substance	Proposed MCV
Lead (Pb)	0.1%(1000ppm)
Mercury (Hg)	0.1%(1000ppm)
Cadmium (Cd)	0.01%(100ppm)
Hexavalent Chromium (Cr+6)	0.1%(1000ppm)
Polybrominated Biphenyls (PBB)	0.1%(1000ppm)
Polybrominated Diphenyl Ethers (PBDE)	0.1%(1000ppm)
Hexabromocyclododecane (HBCDD)	There is no intentional use
Bis(2-ethylhexyl)phthalate (DEHP)	There is no intentional use
Dibutyl Phthalate (DBP)	There is no intentional use
Butyl Benzyl Phthalate (BBP)	There is no intentional use
Diisobutyl phthalate (DIBP)	There is no intentional use

Best Regards,

Minoru Nishida
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SUSUMU CO., LTD. : RoHS Compliance and Lead-free Electronic Components

Category	Product Series	Product Type (Description)	Plating Materials for Electrodes, etc.	RoHS Compliant (Pb,Hg,Cd,Cr+6, PBB/PBDE)	MSL Level	Reflow Temperatures:	Number of reflows	Lead	Mercury	Cadmium	Hexavalent Chromium	Polybrominated Biphenyls (PBB)	Polybrominated Diphenylethers (PBDE)
Resistors	RR0306	Thin Film Chip Resistors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RR0510	Thin Film Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RR0816	Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RR1220	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RN73	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RR1632	Thin Film Chip Resistors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RR2632	Thin Film Chip Resistors (1210 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RG1005	Thin Film Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RG1608	Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RG2012	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RG3216	Thin Film Chip Resistors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RGH1005	Thin Film Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RGH1608	Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RGH2012	Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RM2012	Thin Film Chip Resistor Networks (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RM3216	Thin Film Chip Resistor Networks (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RN1632	Thin Film Chip Resistor Networks (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RA1632	Thin Film Chip Resistor Networks (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT0603	Thin Film trimmable Chip Resistors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT0510	Thin Film trimmable Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT0816	Thin Film trimmable Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RT1220	Thin Film trimmable Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RP1005	High Power Type Chip Resistors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RP1608	High Power Type Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RP2012	High Power Type Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL3720	Current sensors (0815 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	22	<2	<2	<2	<5	<5
	RL3720W	Current sensors (0815 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	22	<2	<2	<2	<5	<5
	RL7520W	Current sensors (0830 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<1	<5	<1	<2	<25	<25
	PRL1220	Current Sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	PRL1632	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	PRL3264	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	RL0603	Current sensors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<27	<5	<1	<2	<25	<25
	RL0510	Current sensors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL0816	Current sensors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	YJP1608	0ohm Jumper (Max.0.3mohm, 0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL1220	Current sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL1632	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	RL3264	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	KRL1220	Current sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL1632	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL3264	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL2012	Current Sensors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL3216	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL6432	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL7638	Current Sensors (3015 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL9045	Current Sensors (3518 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	KRL11050	Current Sensors (4320 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	RL16324L	Current Sensors (1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	RL2550L	Current Sensors (2010 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5
	RL3264L	Current Sensors (2512 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<35.9	<2	<2	<2	<5	<5



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Coils	PCMC063T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMM063T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC103T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMB103T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC104T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC133E	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMC135T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PCMB104T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PW021T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PW25201BT	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PS0311B	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	PS031T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<50	<2	<2	<2	<5	<5
	PS041B	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<50	<2	<2	<2	<5	<5
PCMC042T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5	
PCMC053T	Power Choke Coils	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5	
Inductors	HPL0603	Thin Film Chip Inductors (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	HPL1005	Thin Film Chip Inductors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	TFL0510	Thin Film Chip Inductors (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	TFL1608	Thin Film Chip Inductors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Capacitors	HTC0603	Thin Film Capacitor (0201 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	HTC1005	Thin Film Capacitor (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Filters	TBF-1005	Thin Film Band Pass Filters (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBF-1608	Thin Film Band Pass Filters (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBF-2012	Thin Film Band Pass Filters (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBL-1005	Thin Film Balun for W-LAN & Bluetooth (0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBL-1608	Thin Film Balun for W-LAN & Bluetooth (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TDP-2012	Diplexer for W-LAN (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<41	<2	<2	<2	<5	<5
	TBB-2012	Balance Filter for W-LAN (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	FL7B5BH	Ball Grid Array Thin Film Low Pass Filters	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	FL9B5BH	Ball Grid Array Thin Film Low Pass Filters	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
Attenuators	PAT0510S	High Frequency Thin Film Chip Attenuators(0402 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT0816	High Frequency Thin Film Chip Attenuators(0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT1220	High Frequency Thin Film Chip Attenuators(0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT1632	High Frequency Thin Film Chip Attenuators(1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PAT3042S	High Frequency Thin Film Chip Attenuators(1712 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PXV1220	Thermo-Variable Thin Film Chip Attenuators (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Power Splitters	PS1608G	High Frequency Thin Film Power Splitters(0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PS2012G	High Frequency Thin Film Power Splitters(0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PS3216G	High Frequency Thin Film Power Splitters(1206 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
	PS5025G	High Frequency Thin Film Power Splitters(2010 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<1	<2	<25	<25
Sound Components	RRS1608	Audio Thin Film Chip Resistors (0603 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	RRS2012	Audio Thin Film Chip Resistors (0805 size)	Matte Sn	YES	1	260 deg C 10sec max.	2	<2	<2	<2	<2	<5	<5
	HAP-BME-20	Thin & Mini Piezo Speaker	Matte Sn	YES	1	260 deg C 10sec max.	2	<10	<5	<2	<2	<10	<10

Susumu(SSM) hereby certifies that all materials and/or components used to manufacture the product(s) mentioned above are in compliance with the EU Directive 2002/95/EC for Restriction of Hazardous Substances (RoHS).

Furthermore, Supplier certifies that this information accurately represents the supplier's status in meeting those requirements.

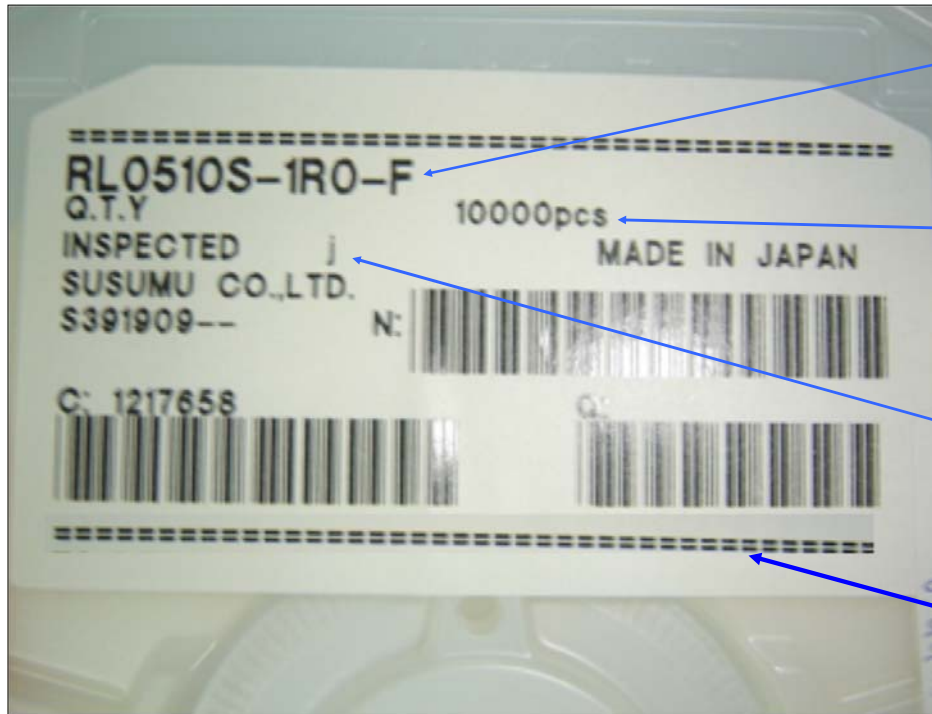
NOTE:

1. RG, RGH RM, RP PRL, KRL HOL, HTC, PCMC(B), PW, PS0**, FL7B5BH, FL9B5BH, HAP-BME-20 and RRS are only made as RoHS Compliance and Lead-Free.

2. Compliant and Non-compliant will be differentiated by LABEL on the plastic reel.

Compliant Components; dotted line on the label for the RR, RT, RN, RA, RL, TFL and PS****G. **Please see description on next page)**

Description of RoHS Compliance and LEAD FREE



Parts number
(Type designation)

Quantity per reel

Manufacturing
date code

**Identification showing
RoHS Compliance
& lead-free parts(Sn 100%)**



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SUSUMU Co.,Ltd REACH Compliance - 06/20/2016

Certificate of REACH Compliance

We, SUSUMU hereby certify that the product series listed below **do not contain** any of the REACH Substances of Very High Concern (SVHC), as specified in the table below according to the Candidate list published by ECHA (European Chemical Agency).

SUSUMU's product numbers (series)

URG1608, URG2012, URG3216, PRG3216, PRG5025, PRG6432
RG1005, RG1608, RG2012, RG3216, RM2012, RM3216, RM3225, RM6432
RGH1005, RGH1608, RGH2012
RR0306, RR0510, RR0816, RR1220, RR1632, RR2632, RN73
RT0603, RT0510, RT0816, RT1220, RP1005, RP1608, RP2012
PRL0816, PRL1220, PRL1632, PRL3264, RL3720W, RL7520W
RL0510, RL0816, RL1220, RL1632, RL3264, RL3264L4, RL3264SW4
RL1632H, RL3264-6, RL3264-6C, RL3264-9V, RL3264-6W, RL3264-9C
KRL1220, KRL1632, KRL3264
KRL2012, KRL3216, KRL6432, KRL7638, KRL9045, KRL11050
PCMC042T, PCMB042T, PCMC053T, PCMB053T, PIMB136T
PCMC063T, PCMB063T, PCMB065T, PCMB103T(E), PCMB104T(E)
PCMB101E, PCMB105T, PCMC133E, PCMC135T
HPL0603, HPL1005, TFL0816, PAT0510S, PAT1220, PAT1608, PAT1632, PAT3042S
PXV1220, PBV1632, GL1L, GL2L, CL1L, CL2L, DS1L

Substance List: Substance of Very High Concern (SVHC) List

SUSUMU Co., Ltd.

Yasuhide Cho
QA Manager



No.	Substance	CAS No.
1	Diarsenic trioxide	1327-53-3
2	Sodium dichromate	7789-12-0 10588-01-9
3	4,4'- Diaminodiphenylmethane (MDA)	101-77-9
4	Lead hydrogen arsenate	7784-40-9
5	Dibutyl phthalate (DBP)	84-74-2
6	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2
7	Benzyl butyl phthalate (BBP)	85-68-7
8	Triethyl arsenate	15606-95-8
9	Bis(tributyltin) oxide (TBTO)	56-35-9
10	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
11	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8
12	Diarsenic pentaoxide	1303-28-2
13	Anthracene	120-12-7
14	Pitch, coal tar, high temp.	65996-93-2
15	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8
16	Anthracene oil, anthracene paste	90640-81-6

No.	Substance	CAS No.
17	Anthracene oil, anthracene-low	90640-82-7
18	Diisobutyl phthalate	84-69-5
19	2,4-Dinitrotoluene	121-14-2
20	Lead chromate	7758-97-6
21	Anthracene oil	90640-80-5
22	Tris(2-chloroethyl)phosphate	115-96-8
23	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
24	Anthracene oil, anthracene paste, distn. lights	91995-17-4
25	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
26	Acrylamide	79-06-1
27	Sodium chromate	7775-11-3
28	Tetraboron disodium heptaoxide, hydrate	12267-73-1
29	Potassium chromate	7789-00-6
30	Ammonium dichromate	7789-09-5
31	Trichloroethylene	79-01-6
32	Potassium dichromate	7778-50-9
33	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3

No.	Substance	CAS No.
34	Boric acid	10043-35-3 11113-50-1
35	Cobalt(II) carbonate	513-79-1
36	Cobalt(II) dinitrate	10141-05-6
37	Cobalt(II) sulphate	10124-43-3
38	2-Ethoxyethanol	110-80-5
39	2-Methoxyethanol	109-86-4
40	Chromium trioxide	1333-82-0
41	Cobalt(II) diacetate	71-48-7
42	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	7738-94-5 13530-68-2
43	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
44	Strontium chromate	7789-06-2
45	Hydrazine	302-01-2 7803-57-8
46	2-Ethoxyethyl acetate	111-15-9
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4
48	1,2,3-trichloropropane	96-18-4
49	1-Methyl-2-pyrrolidone (NMP)	872-50-4

No.	Substance	CAS No.
50	Cobalt dichloride	7646-79-9
51	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
52	Dichromium tris(chromate)	24613-89-6
53	Trilead diarsenate	3687-31-8
54	Phenolphthalein	77-09-8
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 ($\hat{A}\mu\text{m}$) c) alkaline oxide and alkali earth oxide ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight	-
56	Lead styphnate	15245-44-0
57	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9
58	1,2-Dichloroethane	107-06-2
59	Bis(2-methoxyethyl) phthalate	117-82-8
60	Pentazinc chromate octahydroxide	49663-84-5
61	2-Methoxyaniline,o-Anisidine	90-04-0

No.	Substance	CAS No.
62	Calcium arsenate	7778-44-1
63	Bis(2-methoxyethyl) ether	111-96-6
64	Arsenic acid	7778-39-4
65	Formaldehyde, oligomeric reaction products with aniline	25214-70-4
66	Lead dipicrate	6477-64-1
67	N,N-dimethylacetamide	127-19-5
68	Lead diazide, Lead azide	13424-46-9
69	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 ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight	-
70	2,2'-dichloro-4,4'-methylenedianiline	101-14-4
71	Lead(II) bis(methanesulfonate)	17570-76-2
72	Formamide	75-12-7

No.	Substance	CAS No.
73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\leq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9
74	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	110-71-4
75	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\leq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5
76	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
77	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
78	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
79	Diboron trioxide	1303-86-2
80	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (\hat{I}^2 -TGIC)	59653-74-6
81	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\leq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1
82	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	112-49-2
83	$\hat{I}^{\pm}, \hat{I}^{\pm}$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\leq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0

No.	Substance	CAS No.
84	Diethyl sulphate	64-67-5
85	Lead bis(tetrafluoroborate)	13814-96-5
86	N-methylacetamide	79-16-3
87	Diazene-1,2-dicarboxamide (C,C`-azodi(formamide)) (ADCA)	123-77-3
88	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
89	Dibutyltin dichloride (DBTC)	683-18-1
90	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5
91	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
92	Methoxyacetic acid	625-45-6
93	Pyrochlore, antimony lead yellow	8012-00-8
94	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
95	Dimethyl sulphate	77-78-1
96	Lead monoxide (lead oxide)	1317-36-8
97	Diisopentylphthalate	605-50-5
98	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0 19438-60-9 48122-14-1 57110-29-9

No.	Substance	CAS No.
99	Tetraethyllead	78-00-2
100	[Phthalato(2-)]dioxotrilead	69011-06-9
101	Orange lead (lead tetroxide)	1314-41-6
102	Tetralead trioxide sulphate	12202-17-4
103	4,4'-methylenedi-o-toluidine	838-88-0
104	Trilead dioxide phosphonate	12141-20-7
105	Silicic acid, lead salt	11120-22-2
106	Lead titanium zirconium oxide	12626-81-2
107	o-Toluidine	95-53-4
108	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7
109	N,N-dimethylformamide	68-12-2
110	Methyloxirane (Propylene oxide)	75-56-9
111	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7 13149-00-3 14166-21-3
112	Pentacosafuorotridecanoic acid	72629-94-8
113	1,2-Diethoxyethane	629-14-1

No.	Substance	CAS No.
114	Furan	110-00-9
115	6-methoxy-m-toluidine (p-cresidine)	120-71-8
116	Heptacosafuorotetradecanoic acid	376-06-7
117	Acetic acid, lead salt, basic	51404-69-4
118	Dioxobis(stearato)trilead	12578-12-0
119	1-bromopropane (n-propyl bromide)	106-94-5
120	N-pentyl-isopentylphthalate	776297-69-9
121	Lead titanium trioxide	12060-00-3
122	Lead cyanamidate	20837-86-9
123	Biphenyl-4-ylamine	92-67-1
124	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]	-
125	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-
126	Pentalead tetraoxide sulphate	12065-90-6
127	4-Aminoazobenzene	60-09-3
128	o-aminoazotoluene	97-56-3

No.	Substance	CAS No.
129	Tricosafuorododecanoic acid	307-55-1
130	Trilead bis(carbonate) dihydroxide	1319-46-6
131	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped <i>[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]</i>	68784-75-8
132	Lead oxide sulfate	12036-76-9
133	4,4'-oxydianiline and its salts	101-80-4
134	Fatty acids, C16-18, lead salts	91031-62-8
135	Sulfurous acid, lead salt, dibasic	62229-08-7
136	Lead dinitrate	10099-74-8
137	Henicosafuoroundecanoic acid	2058-94-8
138	Dipentyl phthalate (DPP)	131-18-0
139	Cadmium	7440-43-9
140	Pentadecafluorooctanoic acid (PFOA)	335-67-1
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1

No.	Substance	CAS No.
142	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]	-
143	Cadmium oxide	1306-19-0
144	Dihexyl phthalate	84-75-3
145	Cadmium sulphide	1306-23-6
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
147	Lead di(acetate)	301-04-2
148	Trixylyl phosphate	25155-23-1
149	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
150	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7
151	Sodium peroxometaborate	7632-04-4
152	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68515-50-4
153	Sodium perborate,perboric acid, sodium salt	15120-21-5
154	Cadmium chloride	10108-64-2

No.	Substance	CAS No.
155	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
156	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)	-
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
158	Cadmium fluoride	7790-79-6
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
160	Cadmium sulphate	10124-36-4 31119-53-6
161	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7
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	1120-71-4
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1

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166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	Nitrobenzene	98-95-3
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4
169	Benzo[def]chrysene	50-32-8