

Lockwood Products, Inc.

5615 SW Willow Lane
Lake Oswego, Or 97035



RoHS Directive: 03/23/2021

The producer of the polymers (polymer compounds), does not fall under the scope of the EU Directive 2011/65/EU. However, to help economic operators in the supply chain to comply with the rules laid down in Directive 2011/65/EU the producer of the plastic resin confirms that based on their manufacturing process and the raw materials used, the substances listed in Annex II of this directive are not expected to be present in the above mentioned products in concentrations exceeding the maximum values given.

Analysis of the heavy metals, brominated substances and phthalates listed in Annex II of the RoHS directive is not part of our production process on a routine basis and no actual values can be provided.

REGULATION (EC) No 1907/2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH)

Lockwood Products, Inc confirms that none of its products or packaging contain any of the 161 Substances of Very High Concern (SVHC) on the REACH Candidate List, shown below, in a concentration above the 0.1% by weight allowable limit:

No. Substance

1. 1 Anthracene
2. 2 4,4'- Diaminodiphenylmethane (or methylene dianiline)
3. 3 Dibutyl phthalate (DBP)
4. 4 Cobalt dichloride
5. 5 Diarsenic pentaoxide
6. 6 Diarsenic trioxide
7. 7 Sodium dichromate, dihydrate
8. 8 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)
9. 9 Bis (2-ethylhexyl)phthalate (DEHP)
10. 10 Hexabromocyclododecane (HBCDD)
11. 11 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
12. 12 Bis(tributyltin)oxide (TBTO)
13. 13 Lead hydrogen arsenate
14. 14 Benzyl butyl phthalate (BBP)
15. 15 Triethyl arsenate
16. 16 Anthracene oil
17. 17 Anthracene oil, anthracene paste, distn. lights
18. 18 Anthracene oil, anthracene paste, anthracene fraction
19. 19 Anthracene oil, anthracene low

CAS No.

120-12-7 101-77-9 84-74-2 7646-79-9 1303-28-2 1327-53-3 7789-12-0 81-15-2 117-81-7 25637-99-4 85535-84-8 56-35-9 7784-40-9
85-68-7 15606-95-8 90640-80-5 91995-17-4 91995-15-2 90640-82-7

1. 20 Anthracene oil, anthracene paste
2. 21 Coal tar pitch, high temperature
3. 22 Acrylamide
4. 23 Aluminosilicate, refractory ceramic fibres
5. 24 Zirconium aluminosilicate refractory ceramic fibres
6. 25 2,4-dinitrotoluene
7. 26 Di-isobutyl phthalate
8. 27 Lead chromate
9. 28 Lead chromate molybdate sulphate red (C I Pigment Red 104)
10. 29 Lead sulfochromate yellow (C I Pigment Yellow 34)
11. 30 Tris (2-chloroethyl) phosphate
12. 31 Trichloroethylene
13. 32 Boric acid
14. 33 Disodium tetraborate anhydrous
15. 34 Tetraboron disodium heptaoxide, hydrate
16. 35 Sodium chromate
17. 36 Potassium chromate
18. 37 Ammonium dichromate
19. 38 Potassium dichromate
20. 39 Cobalt(II) sulphate
21. 40 Cobalt(II) dinitrate
22. 41 Cobalt(II) carbonate
23. 42 Cobalt(II) diacetate
24. 43 2-Methoxyethanol
25. 44 2-Ethoxyethanol
26. 45 Chromium trioxide
27. 46 Chromic acid

Dichromic acid

28. 47 2-ethoxyethyl acetate
29. 48 Strontium chromate
30. 49 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl

90640-81-6 65996-93-2

79-06-1

121-14-2

84-69-5

7758-97-6

12656-85-8

1344-37-2

115-96-8

79-01-6

10043-35-3 and 11113-50-1 1303-96-4, 1330-43-4 and

12179-04-3 12267-73-1

7775-11-3 7789-00-6 7789-09-5 7778-50-9 10124-43-3 10141-05-6 513-79-1 71-48-7 109-86-4 110-80-5 1333-82-0 7738-94-5 13530-68-2 111-15-9 7789-06-2 68515-42-4

esters (DHNUP)

1. 50 Hydrazine
2. 51 1-methyl-2-pyrrolidone
3. 52 1,2,3-trichloropropane
4. 53 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7- rich (DIHP)
5. 54 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)
6. 55 2-Methoxyaniline o-Anisidine
7. 56 Arsenic acid
8. 57 Calcium arsenate
9. 58 Trilead diarsenate
10. 59 1,2-Dichloroethane ethylene dichloride
11. 60 Bis(2-methoxyethyl) ether
12. 61 Bis(2-methoxyethyl) phthalate
13. 62 N,N-dimethylacetamide (DMAC)
14. 63 Formaldehyde, oligomeric reaction products with aniline (technical MDA)
15. 64 Lead diazide Lead azide
16. 65 Lead styphnate
17. 66 2,2'-dichloro-4,4'-methylenedianiline (MOCA)
18. 67 Dichromium tris(chromate)
19. 68 Potassium hydroxyoctaoxidizincatedichromate
20. 69 Pentazinc chromate octahydroxide
21. 70 Phenolphthalein
22. 71 Lead dipicrate
23. 72 Formamide
24. 73 [4-[[4-anilino-1-naphthyl][4 (dimethylamino)phenyl]methylene]cyclohexa- 2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)
25. 74 N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)
26. 75 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)
27. 76 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)

302-01-2 872-50-4 96-18-4 71888-89-6

140-66-9 90-04-0 7778-39-4 7778-44-1 3687-31-8 107-06-2 111-96-6 117-82-8 127-19-5 25214-70-4

13424-46-9 15245-44-0 101-14-4 24613-89-6 11103-86-9 49663-84-5 77-09-8 6477-64-1 75-12-7 2580-56-5

101-61-1 90-94-8 2451-62-9

1. 77 α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1- methanol (C.I. Solvent Blue 4)
2. 78 Diboron trioxide
3. 79 1,2-dimethoxyethane ethylene glycol dimethyl ether (EGDME)
4. 80 Lead(II) bis(methanesulfonate)
5. 81 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol
6. 82 1,2-bis(2-methoxyethoxy)ethane (TEGDME triglyme)
7. 83 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)- trione (β -TGIC)
8. 84 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3)

6786-83-0

1303-86-2 110-71-4 17570-76-2 561-41-1 112-49-2 59653-74-6

548-62-9

1163-19-5 72629-94-8 307-55-1 2058-94-8 376-06-7 123-77-3

85-42-7, 13149-00-3,

14166-21-3

25550-51-0, 1

9438-60-9, 48122-14-1, 57110-29-9

1. 85 Bis(pentabromophenyl) ether (decabromodiphenyl ether)
2. 86 Pentacosaflluorotridecanoic acid
3. 87 Tricosaflluorododecanoic acid
4. 88 Henicosaflluoroundecanoic acid
5. 89 Heptacosaflluorotetradecanoic acid
6. 90 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))
7. 91 Cyclohexane-1,2-dicarboxylic anhydride [1]

Cis-cyclohexane-1,2-dicarboxylic anhydride [2] Trans-cyclohexane-1,2-dicarboxylic anhydride [3]

8. 92 Hexahydromethylphthalic anhydride [1]

Hexahydro-4-methylphthalic anhydride [2] Hexahydro-1-methylphthalic anhydride [3] Hexahydro-3-methylphthalic anhydride [4]

9. 93 4-Nonylphenol, branched and linear
10. 94 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
11. 95 Methoxyacetic acid
12. 96 N,N-dimethylformamide

DecaBDE)

625-45-6 68-12-2

1. 97 Dibutyltin dichloride (DBTC)
2. 98 Lead monoxide (Lead oxide)
3. 99 Orange lead (Lead tetroxide)
4. 100 Lead bis(tetrafluoroborate)
5. 101 Trilead bis(carbonate)dihydroxide
6. 102 Lead titanium trioxide
7. 103 Lead titanium zirconium oxide
8. 104 Silicic acid, lead salt
9. 105 Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-doped
10. 106 1-bromopropane (n-propyl bromide)
11. 107 Methyloxirane (Propylene oxide)
12. 108 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear
13. 109 Diisopentylphthalate (DIPP)

14. 110 N-pentyl-isopentylphthalate
15. 111 1,2-diethoxyethane
16. 112 Acetic acid, lead salt, basic
17. 113 Lead oxide sulfate
18. 114 [Phthalato(2-)]dioxotrilead
19. 115 Dioxobis(stearato)trilead
20. 116 Fatty acids, C16-18, lead salts
21. 117 Lead cyanamide
22. 118 Lead dinitrate
23. 119 Pentalead tetraoxide sulphate
24. 120 Pyrochlore, antimony lead yellow
25. 121 Sulfurous acid, lead salt, dibasic
26. 122 Tetraethyllead
27. 123 Tetralead trioxide sulphate
28. 124 Trilead dioxide phosphonate
29. 125 Furan
30. 126 Diethyl sulphate

683-18-1 1317-36-8 1314-41-6 13814-96-5 1319-46-6 12060-00-3 12626-81-2 11120-22-2 68784-75-8 106-94-5 75-56-9 84777-06-0
 605-50-5 776297-69-9 629-14-1 51404-69-4 12036-76-9 69011-06-9 12578-12-0 91031-62-8 20837-86-9 10099-74-8 12065-90-6
 8012-00-8 62229-08-7 78-00-2 12202-17-4 12141-20-7 110-00-9 64-67-5

1. 127 Dimethyl sulphate
2. 128 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine
3. 129 Dinoseb (6-sec-butyl-2,4-dinitrophenol)
4. 130 4,4'-methylenedi-o-toluidine
5. 131 4,4'-oxydianiline and its salts
6. 132 4-aminoazobenzene
7. 133 4-methyl-m-phenylenediamine (toluene-2,4-diamine)
8. 134 6-methoxy-m-toluidine (p-cresidine)
9. 135 Biphenyl-4-ylamine
10. 136 o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]
11. 137 o-toluidine
12. 138 N-methylacetamide
13. 139 Cadmium
14. 140 Ammonium pentadecafluorooctanoate (APFO)
15. 141 Pentadecafluorooctanoic acid (PFOA)
16. 142 Dipentyl phthalate (DPP)
17. 143 4-Nonylphenol, branched and linear, ethoxylated
18. 144 Cadmium oxide
19. 145 Cadmium sulphide
20. 146 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)
21. 147 Dihexyl phthalate
22. 148 Imidazolidine-2-thione; (2-imidazoline-2-thiol)
23. 149 Trixylyl phosphate
24. 150 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)
25. 151 Lead di(acetate)
26. 152 Cadmium chloride
27. 153 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear
28. 154 Sodium peroxometaborate

77-78-1 143860-04-2 88-85-7 838-88-0 101-80-4 60-09-3 95-80-7 120-71-8 92-67-1 97-56-3 95-53-4 79-16-3 7440-43-9 3825-26-1
335-67-1 131-18-0

1306-19-0 1306-23-6 1937-37-7

84-75-3 96-45-7 25155-23-1 573-58-0

301-04-2 10108-64-2 68515-50-4 7632-04-4

1. 155 Sodium perborate; perboric acid, sodium salt
2. 156 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)
3. 157 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (DOTE)
4. 158 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)
5. 159 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)
6. 160 Cadmium fluoride
7. 161 Cadmium sulphate

Thank you,

Lockwood Products, Inc.