



**A DIVISION OF EDAC (AMERICA) LIMITED**

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## **REACH Statement**

The European Union's REACH Directive (EC 1907/2006) is designed to regulate the Registration, Evaluation, Authorization and Restriction of Chemical Substances. REACH legislation was finalized in December 2006 and has been in effect since June 2007.

In an effort to address the requirements of the REACH regulation and ensure a reliable ongoing supply of NorComp parts, NorComp has contacted suppliers to confirm all necessary registration of in-scope substances in formulations, preparations, materials or articles be completed by the REACH deadlines. In addition, suppliers have been requested to assess the potential presence of Substances of Very High Concern (SVHC). **The 173 SVHC substances listed here are not intentionally added or used in the manufacture of NorComp products as of January 12, 2017.**

As NorComp does not intentionally add SVHC and based on the "article" criteria in the REACH regulation, all articles manufactured by NorComp are interpreted to be exempt from substance regulation and therefore compliant with the REACH regulation.

Please refer to the NorComp Material Declaration forms found on the NorComp website for REACH and RoHS material compositions.

If you have questions regarding NorComp's REACH position, please contact NorComp's Environmental Compliance Group via the following email address: [environmentalcompliance@norcomp.net](mailto:environmentalcompliance@norcomp.net)

See Chart on Pages 2-3-4-5-6.

|    | SVHC<br>SUBSTANCE NAME                                      | CAS<br>NUMBER           | EC<br>NUMBER           |
|----|---|-------------------------|------------------------|
| 1  | Anthracene  | 120-12-7                | 204-371-1              |
| 2  | 4,4' – Diaminodiphenylmethane (MDA)                         | 101-77-9                | 202-974-4              |
| 3  | Dibutyl phthalate (DBP)                                     | 84-74-2                 | 201-557-4              |
| 4  | Cobalt dichloride   | 7646-79-9               | 231-589-4              |
| 5  | Diarsenic pentaoxide  | 1303-28-2               | 215-116-9              |
| 6  | Diarsenic trioxide  | 1327-53-3               | 215-481-4              |
| 7  | Sodium dichromate, dihydrate                                | 7789-12-0<br>10588-01-9 | 234-190-3              |
| 8  | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)          | 81-15-2                 | 201-329-4              |
| 9  | Bis (2-ethylhexyl) phthalate (DEHP)                         | 117-81-7                | 204-211-0              |
| 10 | Hexabromocyclododecane (HBCDD)                              | 25637-99-4<br>3194-55-6 | 247-148-4<br>221-695-9 |
| 11 | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8              | 287-476-5              |
| 12 | Bis(tributyltin)oxide (TBTO)                                | 56-35-9                 | 200-268-0              |
| 13 | Lead hydrogen arsenate                                      | 7784-40-9               | 232-064-2              |
| 14 | Triethyl arsenate   | 15606-95-8              | 427-700-2              |
| 15 | Benzyl butyl phthalate (BBP)                                | 85-68-7                 | 201-622-7              |
| 16 | 2,4-Dinitrotoluene  | 121-14-2                | 204-450-0              |
| 17 | Zirconia Aluminosilicate, Refractory Ceramic Fibres         | 650-017-00-8            |                        |
| 18 | Anthracene oil  | 90640-80-5              | 292-602-7              |
| 19 | Anthracene oil, anthracene paste                            | 906040-81-6             | 292-603-2              |
| 20 | Anthracene oil, anthracene paste, anthracene fraction       | 91995-15-2              | 295-275-9              |
| 21 | Anthracene oil, anthracene paste, distn. lights             | 91995-17-4              | 295-278-5              |
| 22 | Anthracene oil, anthracene-low                              | 90640-82-7              | 292-604-8              |
| 23 | Diisobutyl phthalate  | 84-69-5                 | 201-553-2              |
| 24 | Lead chromate   | 7758-97-6               | 231-846-0              |
| 25 | Lead chromate molybdate sulphate red (C.I. Pigment Red 104) | 12656-85-8              | 235-759-9              |
| 26 | Lead sulfochromate yellow (C.I. Pigment Yellow 34)          | 1344-37-2               | 215-693-7              |
| 27 | Pitch, coal tar, high temp.                                 | 65996-93-2              | 266-028-2              |
| 28 | Tris (2-chloroethyl) phosphate                              | 115-96-8                | 204-118-5              |
| 29 | Ammonium dichromate   | 7789-09-5               | 232-143-1              |
| 30 | Boric Acid  | 1113-50-1<br>10043-35-3 | 233-139-2<br>234-343-4 |
| 31 | Disodium tetraborate, anhydrous                             | 1330-43-4               | 215-540-4              |
| 32 | Potassium chromate  | 7789-00-6               | 232-140-5              |
| 33 | Potassium dichromate  | 7778-50-9               | 231-906-6              |
| 34 | Sodium chromate   | 7775-11-3               | 231-889-5              |
| 35 | Tetraboron disodium heptaoxide, hydrate                     | 12267-73-1              | 235-541-3              |
| 36 | Trichloroethylene   | 79-01-6                 | 201-167-4              |
| 37 | Acrylamide  | 79-06-1                 | 201-173-7              |
| 38 | 2-Ethoxyethanol   | 110-80-5                | 203-804-1              |
| 39 | 2-Methoxyethanol  | 109-86-4                | 203-713-7              |
| 40 | Cobalt di(acetate)  | 71-48-7                 | 200-755-8              |
| 41 | Cobalt (II) carbonate                                       | 513-79-1                | 208-169-4              |
| 42 | Cobalt dinitrate  | 10141-05-6              | 233-402-1              |

|    | SVHC<br>SUBSTANCE NAME  | CAS<br>NUMBER           | EC<br>NUMBER           |
|----|---|-------------------------|------------------------|
| 43 | Cobalt (II) sulphate  | 10124-43-3              | 233-334-2              |
| 44 | Chromium trioxide   | 1333-82-0               | 215-607-8              |
| 45 | Acids generated from chromium trioxide  | 7738-94-5<br>13530-68-2 | 231-801-5<br>236-881-5 |
| 46 | 2-ethoxyethyl acetate   | 111-15-9                | 203-839-2              |
| 47 | Strontium chromate  | 7789-06-2               | 232-142-6              |
| 48 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched & linear alkylesters (DHNUP)                | 68515-42-4              | 271-084-6              |
| 49 | Hydrazine   | 302-01-2<br>7803-57-8   | 206-114-9<br>203-839-2 |
| 50 | 1-methyl, 2-pyrrolidone   | 872-50-4                | 212-828-1              |
| 51 | 1,2,3-trichloropropane  | 96-18-4                 | 202-486-1              |
| 52 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich (DIHP)                  | 71888-89-6              | 276-158-1              |
| 53 | Lead styphante  | 15245-44-0              | 239-290-0              |
| 54 | Lead diazide, Lead azide  | 13424-46-9              | 236-542-1              |
| 55 | Lead Dipicrate  | 6477-64-1               | 229-335-2              |
| 56 | Phenolphthalein   | 77-09-8                 | 201-004-7              |
| 57 | 2,2' – Dichloro-<br>4,4' – methylenedianiline   | 101-14-4                | 202-918-9              |
| 58 | N,N – dimethylacetamide   | 127-19-5                | 204-826-4              |
| 59 | Trilead diarsenate  | 3687-31-8               | 222-979-5              |
| 60 | Calcium arsenate  | 7778-44-1               | 231-904-5              |
| 61 | Arsenic Acid  | 7778-39-4               | 231-901-9              |
| 62 | Bis(2-methoxyethyl) ether   | 111-96-6                | 203-924-4              |
| 63 | 1,2-Dichloroethane  | 107-06-2                | 203-458-1              |
| 64 | 4-(1,1,3,3-Tetramethylbutyl)phenol;<br>4-tert-octyle phenol                                 | 140-66-9                | 205-426-2              |
| 65 | 2-Methoxyaniline; o-Anisidine   | 90-04-0                 | 201-963-1              |
| 66 | Bis(2-methoxyethyl) phthalate   | 117-82-8                | 204-212-6              |
| 67 | Formaldehyde, oligomeric reaction<br>Products with aniline (technical MDA)                  | 25214-70-4              | 500-036-1              |
| 68 | Aluminosilicate Refractory Ceramic Fibres   |                         | 650-017-00-8           |
| 69 | Pentazinc chromate octahydroxide  | 49663-84-5              | 256-418-0              |
| 70 | Potassium<br>Hydroxyoctaoxodizincatedchromate   | 11103-86-9              | 234-329-8              |
| 71 | Dichromium tris(chromate)   | 24613-89-6              | 246-356-2              |
| 72 | 0,0-Bis[4-(dimethylamino)phenyl]-4<br>(phenylamino)naphthalene – 1-methanol                 | 6786-83-0               | 229-851-8              |
| 73 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline   | 101-61-1                | 202-959-2              |
| 74 | 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine<br>-2,4,6-(1H,3H,5H)-trione (B-TGIC) | 59653-74-6              | 423-400-0              |
| 75 | Diboron trioxide  | 1303-86-2               | 215-125-8              |
| 76 | 1,2 bis(2-methoxyethoxy)ethane (TEGDME; triglyme)   | 112-49-2                | 203-977-3              |
| 77 | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol                                     | 561-41-1                | 209-218-2              |

|     | SVHC<br>SUBSTANCE NAME  | CAS<br>NUMBER  | EC<br>NUMBER                                     |
|-----|---|--|--|
| 78  | Lead(II) bis(methanesulfonate)  | 17570-76-2   | 401-750-5  |
| 79  | Formamide   | 75-12-7  | 200-842-0  |
| 80  | [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride  | 548-62-9   | 208-953-6  |
| 81  | 1,2-dimethoxyethane; ethylene glycol dimethyl ether   | 110-71-4   | 203-794-9  |
| 82  | [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride   | 2580-56-5  | 219-943-6  |
| 83  | 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazimane-2,4,6-trione   | 2451-62-9  | 219-514-3  |
| 84  | 4,4'-bis(dimethylamino)benzophenone(Michler's ketone)   | 90-94-8  | 202-027-5  |
| 85  | Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)  | 1163-19-5  | 214-604-9  |
| 86  | Pentacosafuorotridecanoic acid  | 72629-94-8   | 276-745-2  |
| 87  | Tricosafuorododecanoic acid   | 307-55-1   | 206-203-2  |
| 88  | Henicosafuoroundecanoic acid  | 2058-94-8  | 218-165-4  |
| 89  | Heptacosafuorotetradecanoic acid  | 376-06-7   | 206-803-4  |
| 90  | Diazene-1,2-decarboxamide (C,C'-azodi(formamide))   | 123-77-3   | 204-650-8  |
| 91  | Cyclohexane-1,2-dicarboxylic anhydride [1]<br>Cis-cyclohexane-1,2-dicarboxylic anhydride [2]<br>Trans-cyclohexane-1,2-dicarboxylic anhydride [3]                          | 85-42-7<br>13149-00-3<br>14166-21-3                  | 201-604-9<br>236-086-3<br>238-009-9              |
| 92  | Hexahydromethylphthalic anhydride [1]<br>Hexahydro-4-methylphthalic anhydride [2]<br>Hexahydro-1-methylphthalic anhydride [3]<br>Hexahydro-3-methylphthalic anhydride [4] | 25550-51-0<br>19438-60-9<br>48122-14-1<br>57110-29-9 | 247-094-1<br>243-072-0<br>256-356-4<br>260-566-1 |
| 93  | 4-Nonylphenol, branched and linear  | -  | -  |
| 94  | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated   | -  | -  |
| 95  | Methoxyacetic acid  | 625-45-6   | 210-894-6  |
| 96  | N,N-dimethylformamide   | 68-12-2  | 200-679-5  |
| 97  | Dibutyltin dichloride   | 683-18-1   | 211-670-0  |
| 98  | Lead monoxide (Lead oxide)  | 1317-36-8  | 215-267-0  |
| 99  | Orange lead (Lead tetroxide)  | 1314-41-6  | 215-235-6  |
| 100 | Lead bis(tetrafluoroborate)   | 13814-96-5   | 237-486-0  |
| 101 | Trilead bis(carbonate)dihydroxide   | 1319-46-6  | 215-290-6  |
| 102 | Lead titanium trioxide  | 12060-00-3   | 235-038-9  |
| 103 | Lead titanium zirconium oxide   | 12626-81-2   | 235-727-4  |
| 104 | Silicic acid, lead salt   | 11120-22-2   | 234-363-3  |
| 105 | Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1) lead doped   | 68784-75-8   | 272-271-5  |
| 106 | 1-bromopropane (n-propyl bromide)   | 106-94-5   | 203-445-0  |
| 107 | Methyloxirane (Propylene oxide)   | 75-56-9  | 200-879-2  |
| 108 | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear  | 84777-06-0   | 284-032-2  |
| 109 | Diisopentylphthalate (DIPP)   | 605-50-5   | 210-088-4  |
| 110 | N-pentyl-isopentylphthalate   | 776297-69-9  | -  |
| 111 | 1,2-diethoxyethane  | 629-14-1   | 211-076-1  |
| 112 | Acetic acid, lead salt, basic   | 51404-69-4   | 257-175-3  |
| 113 | Lead oxide sulfate  | 12036-76-9   | 234-853-7  |
| 114 | [Phthalato(2-)]dioxotrilead   | 69011-06-9   | 273-688-5  |
| 115 | Dioxobis(stearato)trilead   | 12578-12-0   | 235-702-8  |

|     | SVHC<br>SUBSTANCE NAME  | CAS<br>NUMBER | EC<br>NUMBER |
|-----|---|---------------|--------------|
| 116 | Fatty acids, C16-18, lead salts   | 91031-62-8    | 292-966-7    |
| 117 | Lead cyanamidate  | 20837-86-9    | 244-073-9    |
| 118 | Lead dinitrate  | 10099-74-8    | 233-245-9    |
| 119 | Pentalead tetraoxide sulphate   | 12065-90-6    | 235-067-7    |
| 120 | Pyrochlore, antimony lead yellow  | 8012-00-8     | 232-382-1    |
| 121 | Sulfurous acid, lead salt, dibasic  | 6222-08-7     | 263-467-1    |
| 122 | Tetraethyllead  | 78-00-2       | 201-075-4    |
| 123 | Tetralead trioxide sulphate   | 12202-17-4    | 235-380-9    |
| 124 | Trilead dioxide phosphonate   | 12141-20-7    | 235-252-2    |
| 125 | Furan   | 110-00-9      | 203-727-3    |
| 126 | Diethyl sulphate  | 64-67-5       | 200-589-6    |
| 127 | Dimethyl sulphate   | 77-78-1       | 201-058-1    |
| 128 | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine  | 143860-04-2   | 421-150-7    |
| 129 | Dinoseb (6-sec-butyl-2,4-dinitrophenol)   | 88-85-7       | 201-861-7    |
| 130 | 4,4'-methylenedi- <i>o</i> -toluidine   | 838-88-0      | 212-658-8    |
| 131 | 4,4'-oxydianiline and its salts   | 101-80-4      | 202-977-0    |
| 132 | 4-aminoazobenzene   | 60-09-3       | 200-453-6    |
| 133 | 4-methyl- <i>m</i> -phenylenediamine (toluene-2,4-diamine)  | 95-80-7       | 202-453-1    |
| 134 | 6-methoxy- <i>m</i> -toluidine (p-cresidine)  | 120-71-8      | 204-419-1    |
| 135 | Biphenyl-4-ylamine  | 92-67-1       | 202-177-1    |
| 136 | <i>o</i> -aminoazotoluene [(4- <i>o</i> -tolylazo- <i>o</i> -toluidine)]  | 97-56-3       | 202-591-2    |
| 137 | <i>o</i> -toluidine   | 95-53-4       | 202-429-0    |
| 138 | N-methylacetamide   | 79-16-3       | 201-182-6    |
| 139 | Cadmium   | 7440-43-9     | 231-152-8    |
| 140 | Ammonium pentadecafluorooctanate (APFO)   | 3825-26-1     | 223-320-4    |
| 141 | Pentadecafluorooctanoic acid (PFOA)   | 335-67-1      | 206-397-9    |
| 142 | Dipentyl phthalate (DPP)  | 131-18-0      | 205-017-9    |
| 143 | Cadmium oxide   | 1306-19-0     | 215-146-2    |
| 144 | 4-Nonylphenol, branched and linear, ethoxylated<br><br><i>(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)</i> | -             | -            |
| 145 | Cadmium sulphide  | 1306-23-6     | 215-147-8    |
| 146 | Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)  | 573-58-0      | 209-358-4    |
| 147 | Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo]][1,1'-biphenyl]-4-yl] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)  | 1937-37-7     | 217-710-3    |
| 148 | Dihexyl phthalate   | 84-75-3       | 201-559-5    |
| 149 | Imidazolidine-2-thione (2-imidazoline-2-thiol)  | 96-45-7       | 202-506-9    |
| 150 | Lead di(acetate)  | 301-04-2      | 206-104-4    |
| 151 | Trixylyl phosphate  | 25155-23-1    | 246-677-8    |
| 152 | 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear  | 68515-50-4    | 271-093-5    |

|     | SVHC<br>SUBSTANCE NAME   | CAS<br>NUMBER                       | EC<br>NUMBER            |
|-----|--|-------------------------------------|-------------------------|
| 153 | Sodium perborate; perboric acid,<br>Sodium salt  | -                                   | 239-172-9;<br>234-390-0 |
| 154 | Sodium peroxometaborate  | 7632-04-4                           | 231-556-4               |
| 155 | Cadmium chloride   | 10108-64-2                          | 233-296-7               |
| 156 | Cadmium fluoride   | 7790-79-6                           | 232-222-0               |
| 157 | Cadmium sulphate   | 10124-36-4<br>31119-53-6            | 233-331-6               |
| 158 | 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)   | 3846-71-7                           | 223-346-6               |
| 159 | 2-(2H-benzotriazol-2-yl) -4,6-ditertpentylphenol (UV328)   | 25973-55-1                          | 247-384-8               |
| 160 | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)   | 15571-58-1                          | 239-622-4               |
| 161 | Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) | 117-81-7                            | 204-211-0               |
| 162 | 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters;<br><br>1,2-benzenedicarboxylic acid, mixed decyl and hexyl and actyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)   | 68515-51-5<br>68648-93-1            | 271-094-0<br>272-013-1  |
| 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 | Nitrobenzene   | 98-95-3                             | 202-716-0               |
| 165 | 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)   | 3864-99-1                           | 223-383-8               |
| 166 | 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)   | 36437-37-3                          | 253-037-1               |
| 167 | 1,3-propanesultone   | 1120-71-4                           | 214-317-9               |
| 168 | Perfluorononan-1-oic-acid and its sodium and ammonium salts  | 375-95-1<br>21049-39-8<br>4149-60-4 | 206-801-3               |
| 169 | Benzo[def]chrysene   | 50-32-8                             | 200-028-5               |
| 170 | 4,4'-isopropylidenediphenol (bisphenol A)  | 80-05-7                             | 201-245-8               |
| 171 | nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts   | 335-76-2<br>3830-45-3<br>3108-42-7  | 206-400-3<br>221-470-5  |
| 172 | 4-heptylphenol, branched and linear (4-HPbl)   | -                                   | -                       |
| 173 | 4-tert-pentylphenol (PTAP)<br>(1m1-dimethylpropyl)phenol   | 80-46-6                             | 201-280-9               |