



REACH SVHC Declaration

Registration, Evaluation, Authorization and restriction of Chemicals
197 Substances of Very High Concern (SVHC) on ECHA Candidate List

January 21, 2019

Dear Valued Customers,

Kester is a Downstream User as defined by the requirements of the European Union (EU) Regulation - **Registration, Evaluation, Authorisation and restriction of Chemicals (REACH)**. Kester solder products are defined in the REACH regulations as mixtures consisting of two or more individual substances. Mixtures do not require registration under Article 7.1 of REACH. The individual raw material substances that are mixed together to make up the solder product would be registered separately. Therefore Kester will ensure that all individual raw material substances that are purchased from upstream suppliers will follow through with final REACH registration.

All Kester products are mixtures. Mixtures are in SVHC compliance when SVHCs above threshold values are listed on the Kester Safety Data Sheets (SDSs). Kester lists SVHCs on the SDS in accordance to REACH requirements. All Kester products are in compliance with SVHC REACH regulations. Kester SDS will report the presence of any Substance of Very High Concern (SVHC) on the attached European Chemicals Agency (ECHA) Candidate List.

Kester issues SDSs for our solder products that conform to the United Nations Globally Harmonized System (GHS) and follow the criteria for classification of mixtures in accordance with Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging (CLP).

In order to facilitate faster and more efficient communication when new substances are added to the SVHC list, Kester provides in Annex B a complete list of its products which contain SVHC's above the reportable concentration and the name of the relevant substance.

The 6 substances added to the SVHC list in January 2019 are not contained in any Kester products. For additional information on this subject contact Kester Customer Service at CustomerService@Kester.com.

Sincerely,

Stephen Santangelo

Stephen Santangelo,
Global Operations Director

ANNEX A

Candidate List of Substances of Very High Concern for Authorisation

| Substance name | Description | EC No. | CAS No. | Reason for inclusion | Date of inclusion |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one | 3-benzylidene camphor; 3-BC | 239-139-9 | 15087-24-8 | Endocrine disrupting properties (Article 57(f) - environment) | 15/01/2019 |
| 2,2-bis(4'-hydroxyphenyl)-4-methylpentane | | 401-720-1 | 6807-17-6 | Toxic for reproduction (Article 57(c)) | 15/01/2019 |
| Benzofluoranthene | | 205-916-6 | 207-08-9 | Carcinogenic (Article 57a)#PBT (Article 57d)#PvB (Article 57e) | 15/01/2019 |
| Fluoranthene | | 205-912-4 | 206-44-0; 93951-69-0 | PBT (Article 57d)#PvB (Article 57e) | 15/01/2019 |
| Phenanthrene | | 201-581-5 | 85-01-8 | vPvB (Article 57e) | 15/01/2019 |
| Pyrene | | 204-927-3 | 129-00-0; 1718-52-1 | PBT (Article 57d)#PvB (Article 57e) | 15/01/2019 |
| Benzene-1,2,4-tricarboxylic acid 1,2 anhydride | trimellitic anhydride; TMA | 209-008-0 | 552-30-7 | Respiratory sensitising properties (Article 57(f) - human health) | 27/06/2018 |
| Benzophenone | | 205-883-8 | 191-24-2 | PBT (Article 57d)#PvB (Article 57e) | 27/06/2018 |
| Decamethylcyclopentasiloxane | D5 | 208-764-9 | 541-02-6 | PBT (Article 57d)#PvB (Article 57e) | 27/06/2018 |
| Dicyclohexyl phthalate | DCHP | 201-545-9 | 84-51-7 | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health) | 27/06/2018 |
| Disodium octaborate | | 234-541-0 | 12008-41-2 | Toxic for reproduction (Article 57(c)) | 27/06/2018 |
| Dodecamethylcyclohexasiloxane | D6 | 208-762-8 | 540-97-6 | PBT (Article 57d)#PvB (Article 57e) | 27/06/2018 |
| Ethylenediamine | EDA | 203-460-6 | 107-15-3 | Respiratory sensitising properties (Article 57(f) - human health) | 27/06/2018 |
| Lead | | 231-100-4 | 17439-92-1 | Toxic for reproduction (Article 57(c)) | 27/06/2018 |
| Octamethylcyclotetrasiloxane | D4 | 209-136-7 | 556-67-2 | PBT (Article 57d)#PvB (Article 57e) | 27/06/2018 |
| Terphenyl, hydrogenated | | 262-967-7 | 61788-32-7 | vPvB (Article 57e) | 27/06/2018 |
| 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1.6.9.02.13.05.10]octadeca-7,15-diene (Decchlorane Plus™) | covering any of its individual anti- and syn-isomers or any combination thereof | - | - | vPvB (Article 57e) | 15/01/2018 |
| 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-dodecalhydro-1,4,7,10-dimethanodibenzo[a,e]cyclooctene | | - | - | vPvB (Article 57e) | 15/01/2018 |
| 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.1.6.9.02.13.05.10]octadeca-7,15-diene | | 236-948-9 | 13560-89-9 | vPvB (Article 57e) | 15/01/2018 |
| 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-dodecalhydro-1,4,7,10-dimethanodibenzo[a,e]cyclooctene | | - | - | vPvB (Article 57e) | 15/01/2018 |
| Benz[a]anthracene | | 200-280-6 | 56-55-3; 1718-53-2 | Carcinogenic (Article 57a)#PBT (Article 57d)#PvB (Article 57e) | 15/01/2018 |
| Cadmium carbonate | | 208-168-9 | 513-78-0 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 15/01/2018 |
| Cadmium hydroxide | | 244-168-5 | 21041-95-2 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 15/01/2018 |
| Cadmium nitrate | | 233-710-6 | 10325-94-7; 10022-68-1 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 15/01/2018 |
| Chrysene | | 205-923-4 | 218-01-9; 1719-03-5 | Carcinogenic (Article 57a)#PBT (Article 57d)#PvB (Article 57e) | 15/01/2018 |
| Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) | with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPb) | - | - | Endocrine disrupting properties (Article 57(f) - environment) | 15/01/2018 |
| Perfluorohexane-1-sulphonic acid and its salts | PFHxS | - | - | vPvB (Article 57e) | 07/07/2017 |
| 4,4'-isopropylidenediphenol | Bisphenol A; BPA | 201-245-8 | 80-05-7 | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - environment)#Endocrine disrupting properties (Article 57(f) - human health) | 12/01/2017 |
| 4-hgtylphenol, 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 | - | - | Endocrine disrupting properties (Article 57(f) - environment) | 12/01/2017 |
| Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts | | - | - | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 12/01/2017 |
| Decanoic acid, nonadecafluoro-, sodium salt | | - | 3830-45-3 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 12/01/2017 |
| Ammonium nonadecafluorodecanoate | | - | 2214-70-5 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 12/01/2017 |
| Nonadecafluorodecanoic acid | | - | 206-400-3 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 12/01/2017 |
| p-1,1-dimethylpropylphenol | | - | 201-280-9 | Endocrine disrupting properties (Article 57(f) - environment) | 12/01/2017 |
| Benzo[def]chrysene (Benzo[a]pyrene) | | 200-028-5 | 50-32-8 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#PBT (Article 57d)#PvB (Article 57e) | 20/06/2016 |
| 1,3-propanesultone | | 214-317-9 | 1120-71-4 | Carcinogenic (Article 57a) | 17/12/2015 |
| 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) | | 223-383-8 | 3864-99-1 | vPvB (Article 57e) | 17/12/2015 |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | | 253-037-1 | 36437-37-3 | vPvB (Article 57e) | 17/12/2015 |
| Nitrobenzene | | 202-716-0 | 98-95-3 | Toxic for reproduction (Article 57(c)) | 17/12/2015 |
| Perfluorononan-1-oxic acid and its sodium and ammonium salts | | - | - | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 17/12/2015 |
| Ammonium salts of perfluorononan-1-oxic acid | | - | -4149-60-4 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 17/12/2015 |
| Perfluorononan-1-oxic acid | | 206-801-3 | 375-95-1 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 17/12/2015 |
| Sodium salts of perfluorononan-1-oxic acid | | - | -21049-39-8 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 17/12/2015 |
| 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters | with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5) | - | - | Toxic for reproduction (Article 57(c)) | 15/06/2015 |
| 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters | | 272-013-1 | 68648-93-1 | Toxic for reproduction (Article 57(c)) | 15/06/2015 |
| 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters | | 271-094-0 | 68515-51-5 | Toxic for reproduction (Article 57(c)) | 15/06/2015 |
| 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 | - | - | vPvB (Article 57e) | 15/06/2015 |
| 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane | | - | - | vPvB (Article 57e) | 15/06/2015 |
| 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane | | - | - | vPvB (Article 57e) | 15/06/2015 |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328) | | 247-384-8 | 25973-55-1 | PBT (Article 57d)#PvB (Article 57e) | 17/12/2014 |
| 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) | | 223-346-6 | 3846-71-7 | PBT (Article 57d)#PvB (Article 57e) | 17/12/2014 |
| 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) | | 239-622-4 | 15571-58-1 | Toxic for reproduction (Article 57(c)) | 17/12/2014 |
| Cadmium fluoride | | 232-222-0 | 7790-79-6 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 17/12/2014 |
| Cadmium sulphate | | 233-331-6 | 10124-36-4; 31119-53-6 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 17/12/2014 |
| 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-ethylhexyloxy)-2-oxoethylthio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) | | - | - | Toxic for reproduction (Article 57(c)) | 17/12/2014 |
| 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear | | 271-093-5 | 68515-50-4 | Toxic for reproduction (Article 57(c)) | 16/06/2014 |
| Cadmium chloride | | 233-296-7 | 10108-64-2 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 16/06/2014 |
| Sodium perborate, perboric acid, sodium salt | | - | - | Toxic for reproduction (Article 57(c)) | 16/06/2014 |
| Perboric acid, sodium salt | | 234-390-0 | 11138-47-9 | Toxic for reproduction (Article 57(c)) | 16/06/2014 |
| Sodium perborate | | 239-172-9 | 15120-21-5 | Toxic for reproduction (Article 57(c)) | 16/06/2014 |
| Sodium peroxometaborate | | 231-556-4 | 7632-94-4 | Toxic for reproduction (Article 57(c)) | 16/06/2014 |
| Cadmium sulphide | | 215-147-8 | 1306-23-6 | Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 16/12/2013 |
| Dihexyl phthalate | | 201-559-5 | 84-75-3 | Toxic for reproduction (Article 57(c)) | 16/12/2013 |
| 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 | Carcinogenic (Article 57a) | 16/12/2013 |
| 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 | Carcinogenic (Article 57a) | 16/12/2013 |
| Imidazolidine-2-thione (2-imidazoline-2-thiol) | | 202-506-9 | 96-45-7 | Toxic for reproduction (Article 57(c)) | 16/12/2013 |
| Lead diacetate | | 206-104-4 | 301-04-2 | Toxic for reproduction (Article 57(c)) | 16/12/2013 |
| Triethyl phosphite | | 246-677-8 | 25155-23-1 | Toxic for reproduction (Article 57(c)) | 16/12/2013 |
| 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 | - | - | Endocrine disrupting properties (Article 57(f) - environment) | 20/06/2013 |
| Ammonium pentadecafluorooctanoate (APFO) | | 223-320-4 | 3825-26-1 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 20/06/2013 |
| Cadmium | | 231-152-8 | 7440-43-9 | Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 20/06/2013 |
| Cadmium oxide | | 215-146-2 | 1306-19-0 | Carcinogenic (Article 57a)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health) | 20/06/2013 |
| Dipentyl phthalate (DPP) | | 205-017-9 | 131-18-0 | Toxic for reproduction (Article 57(c)) | 20/06/2013 |
| Pentadecafluorooctanoic acid (PFDA) | | 206-397-9 | 335-67-1 | Toxic for reproduction (Article 57c)#PBT (Article 57d) | 20/06/2013 |
| 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear | | 284-032-2 | 84777-06-0 | Toxic for reproduction (Article 57(c)) | 19/12/2012 |
| 1,2-dithoxyethane | | 211-076-1 | 629-14-1 | Toxic for reproduction (Article 57(c)) | 19/12/2012 |
| 1-bromopropane (n-propyl bromide) | | 203-445-0 | 106-94-5 | Toxic for reproduction (Article 57(c)) | 19/12/2012 |
| 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine | | 421-150-7 | 143669-04-2 | Toxic for reproduction (Article 57(c)) | 19/12/2012 |
| 4,4'-methylene-bis(2-toluidine) | | 212-658-8 | 838-88-0 | Carcinogenic (Article 57a) | 19/12/2012 |

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|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------------------|------------|
| 4,4'-oxydianiline and its salts | | - | - | Carcinogenic (Article 57a)#Mutagenic (Article 57b) | 19/12/2012 |
| 4,4'-oxydianiline | | 202-977-0 | 101-80-4 | Carcinogenic (Article 57a)#Mutagenic (Article 57b) | 19/12/2012 |
| 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated | covering well-defined substances and UVCB substances, polymers and homologues | - | - | Endocrine disrupting properties (Article 57(f) - environment) | 19/12/2012 |
| 4-aminoazobenzene | | 200-453-6 | 60-09-3 | Carcinogenic (Article 57a) | 19/12/2012 |
| 4-methyl-m-phenylenediamine (toluene-2,4-diamine) | | 202-453-1 | 95-80-7 | Carcinogenic (Article 57a) | 19/12/2012 |
| 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 | - | - | Endocrine disrupting properties (Article 57(f) - environment) | 19/12/2012 |
| 6-methoxy-m-toluidine (p-cresidine) | | 204-419-1 | 120-71-8 | Carcinogenic (Article 57a) | 19/12/2012 |
| (Phthalato(2-))dioxotrilead | | 273-688-5 | 69011-06-9 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Acetic acid, lead salt, basic | | 257-175-3 | 51404-69-4 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Biphenyl-4-ylamine | | 202-177-1 | 92-67-1 | Carcinogenic (Article 57a) | 19/12/2012 |
| Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) | | 214-604-9 | 1163-19-5 | PBT (Article 57d)#PvB (Article 57e) | 19/12/2012 |
| Cyclohexane-1,2-dicarboxylic anhydride | all possible combinations of the cis- and trans-isomers | - | - | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Cyclohexane-1,2-dicarboxylic anhydride | | 201-604-9 | 85-42-7 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| trans-cyclohexane-1,2-dicarboxylic anhydride | | 238-009-9 | 14166-21-3 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| cis-cyclohexane-1,2-dicarboxylic anhydride | | 236-086-3 | 13149-00-3 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) | | 204-660-8 | 123-77-3 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Dibutyltin dichloride (DBTC) | | 211-670-0 | 683-18-1 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Diethyl sulphate | | 200-589-6 | 64-67-5 | Carcinogenic (Article 57a)#Mutagenic (Article 57b) | 19/12/2012 |
| Disopentyl phthalate | | 210-088-4 | 605-50-5 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Dimethyl sulphate | | 201-458-1 | 77-78-1 | Carcinogenic (Article 57a) | 19/12/2012 |
| Dinoseb (6-sec-butyl-2,4-dinitrophenol) | | 201-961-7 | 88-95-7 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Dioctylsebacate | | 235-702-8 | 12578-12-0 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Fatty acids, C16-18, lead salts | | 292-966-7 | 91031-62-8 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Furan | | 203-727-3 | 110-00-9 | Carcinogenic (Article 57a) | 19/12/2012 |
| Henicosafuorodecanic acid | | 218-165-4 | 2058-94-8 | vPvB (Article 57e) | 19/12/2012 |
| Heptacosafuorotetradecanoic acid | | 206-803-4 | 376-06-7 | vPvB (Article 57e) | 19/12/2012 |
| Hexahydro-1,2,3,4-tetrahydrophthalic anhydride | including cis- and trans- stereo isomeric forms and all possible combinations of the isomers | - | - | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydro-4-methylphthalic anhydride | | 243-072-0 | 19438-60-9 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydro-3-methylphthalic anhydride | | 260-566-1 | 57110-29-9 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydro-1-methylphthalic anhydride | | 256-356-4 | 48122-14-1 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Hexahydro-2-methylphthalic anhydride | | 247-094-1 | 26560-51-0 | Respiratory sensitising properties (Article 57(f) - human health) | 19/12/2012 |
| Lead bis(tetrafluoroborate) | | 237-496-0 | 13814-96-5 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Lead cyanamide | | 244-073-9 | 20837-86-9 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Lead dinitrate | | 233-245-9 | 10099-74-8 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Lead monoxide (lead oxide) | | 215-267-0 | 1317-36-8 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Lead oxide sulfate | | 234-863-7 | 12036-76-9 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Lead titanium trioxide | | 235-038-9 | 12060-00-3 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Lead titanium zirconium oxide | | 235-727-4 | 12626-81-2 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Methoxyacetic acid | | 210-894-6 | 625-45-6 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Methyloxirane (Propylene oxide) | | 200-879-2 | 75-56-9 | Carcinogenic (Article 57a)#Mutagenic (Article 57b) | 19/12/2012 |
| N,N-dimethylformamide | | 200-679-5 | 68-12-2 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| N-methylacetamide | | 201-182-6 | 79-16-3 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| N-pentyl-isopentylphthalate | | - | 776297-69-9 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| o-aminoazotoluene | | 202-891-2 | 97-56-3 | Carcinogenic (Article 57a) | 19/12/2012 |
| o-toluidine | | 202-429-0 | 95-53-4 | Carcinogenic (Article 57a) | 19/12/2012 |
| Orange lead (lead tetroxide) | | 215-235-6 | 13144-1-6 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Pentacosafuorotridecanoic acid | | 276-745-2 | 72629-94-8 | vPvB (Article 57e) | 19/12/2012 |
| Pentalead tetraoxide sulphate | | 235-067-7 | 12065-90-6 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Pyrochlore, antimony lead yellow | | 232-382-1 | 8012-00-8 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Silicic acid (H2SiO5), 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 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Silicic acid, lead salt | | 234-363-3 | 11120-22-2 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Sulfurous acid, lead salt, dibasic | | 263-467-1 | 62229-08-7 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Tetraethyllead | | 201-075-4 | 78-00-2 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Tetralead trioxide sulphate | | 235-380-9 | 12202-17-4 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Tricosafuorododecanoic acid | | 206-203-2 | 307-55-1 | vPvB (Article 57e) | 19/12/2012 |
| Trilead bis(carbonate) dihydroxide | | 215-290-6 | 1319-46-6 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| Trilead dioxide phosphonate | | 235-252-2 | 12141-20-7 | Toxic for reproduction (Article 57c) | 19/12/2012 |
| 1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME) | | 203-794-9 | 110-71-4 | Toxic for reproduction (Article 57c) | 18/06/2012 |
| 1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme) | | 203-977-3 | 112-48-2 | Toxic for reproduction (Article 57c) | 18/06/2012 |
| 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC) | | 219-514-3 | 2451-62-9 | Mutagenic (Article 57b) | 18/06/2012 |
| 1,3,5-tris(2S and 2R)-2,3-epoxypropyl-1,3,5-triazine-2,4,6-trione (β-TGIC) | | 423-400-0 | 59633-74-6 | Mutagenic (Article 57b) | 18/06/2012 |
| 4,4'-bis(dimethylamino)-4'-(methylamino)butyl alcohol | with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) | 209-210-2 | 561-41-1 | Carcinogenic (Article 57a) | 18/06/2012 |
| 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) | | 202-927-5 | 90-94-8 | Carcinogenic (Article 57a) | 18/06/2012 |
| [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 | Carcinogenic (Article 57a) | 18/06/2012 |
| [4-[4-amino-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 | Carcinogenic (Article 57a) | 18/06/2012 |
| Diboron trioxide | | 215-125-8 | 1303-86-2 | Toxic for reproduction (Article 57c) | 18/06/2012 |
| Formamide | | 200-842-0 | 75-12-7 | Toxic for reproduction (Article 57c) | 18/06/2012 |
| Lead(II) bis(methanesulfonate) | | 401-750-5 | 17570-76-2 | Toxic for reproduction (Article 57c) | 18/06/2012 |
| N,N,N',N'-tetramethyl-4,4'-methylene-dianiline (Michler's base) | | 202-959-2 | 101-61-1 | Carcinogenic (Article 57a) | 18/06/2012 |
| 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 | Carcinogenic (Article 57a) | 18/06/2012 |
| 1,2-dichloroethane | | 203-458-1 | 107-06-2 | Carcinogenic (Article 57a) | 19/12/2011 |
| 2,2-dichloro-4,4'-methylene-dianiline | | 202-918-9 | 101-14-4 | Carcinogenic (Article 57a) | 19/12/2011 |
| 2-Methoxyaniline, o-Anisidine | | 201-963-1 | 90-04-0 | Carcinogenic (Article 57a) | 19/12/2011 |
| 4-(1,1,3,3-tetramethylbutyl)phenol | | 205-426-2 | 140-66-9 | Endocrine disrupting properties (Article 57(f) - environment) | 19/12/2011 |
| 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 (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight | - | - | Carcinogenic (Article 57a) | 19/12/2011 |
| Arsenic acid | | 231-901-9 | 7778-39-4 | Carcinogenic (Article 57a) | 19/12/2011 |
| Bis(2-methoxyethyl) ether | | 203-924-4 | 111-96-6 | Toxic for reproduction (Article 57c) | 19/12/2011 |
| Bis(2-methoxyethyl) phthalate | | 204-212-6 | 117-82-8 | Toxic for reproduction (Article 57c) | 19/12/2011 |
| Calcium arsenate | | 231-904-5 | 7778-44-1 | Carcinogenic (Article 57a) | 19/12/2011 |
| Dichromium tris(chromate) | | 246-356-2 | 24613-89-6 | Carcinogenic (Article 57a) | 19/12/2011 |
| Formaldehyde, oligomeric reaction products with aniline | | 500-036-1 | 25214-70-4 | Carcinogenic (Article 57a) | 19/12/2011 |

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|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Lead diazide Lead azide | | 236-542-1 | 13424-46-9 | Toxic for reproduction (Article 57c) | 19/12/2011 |
| Lead dipicrate | | 229-335-2 | 6477-64-1 | Toxic for reproduction (Article 57c) | 19/12/2011 |
| Lead styphnate | | 239-290-0 | 15245-44-0 | Toxic for reproduction (Article 57c) | 19/12/2011 |
| N,N-dimethylacetamide | | 204-826-4 | 127-19-5 | Toxic for reproduction (Article 57c) | 19/12/2011 |
| Pentazine chromate octahydroxide | | 266-418-0 | 49663-84-5 | Carcinogenic (Article 57a) | 19/12/2011 |
| Phenolphthalein | | 201-004-7 | 77-09-8 | Carcinogenic (Article 57a) | 19/12/2011 |
| Potassium hydroxyoctaoxodizincatedichromate | | 234-329-8 | 11103-86-9 | Carcinogenic (Article 57a) | 19/12/2011 |
| Trilead diarsenate | | 222-979-5 | 3687-31-8 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 19/12/2011 |
| 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 than two standard geometric errors of 6 or less micrometres (µm), c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight | - | - | Carcinogenic (Article 57a) | 19/12/2011 |
| 1,2,3-trichloropropane | | 202-486-1 | 96-18-4 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 20/06/2011 |
| 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich | | 276-158-1 | 71888-89-6 | Toxic for reproduction (Article 57c) | 20/06/2011 |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | | 271-884-6 | 68515-42-4 | Toxic for reproduction (Article 57c) | 20/06/2011 |
| 1-Methyl-2-pyrrolidone (NMP) | | 212-828-1 | 872-50-4 | Toxic for reproduction (Article 57c) | 20/06/2011 |
| 2-ethoxyethyl acetate | | 203-839-2 | 111-15-9 | Toxic for reproduction (Article 57c) | 20/06/2011 |
| Hydrazine | | 206-114-9 | 302-01-2, 7803-57-8 | Carcinogenic (Article 57a) | 20/06/2011 |
| Strontium chromate | | 232-142-6 | 7789-06-2 | Carcinogenic (Article 57a) | 20/06/2011 |
| 2-ethoxyethanol | | 203-804-1 | 110-80-5 | Toxic for reproduction (Article 57c) | 15/12/2010 |
| 2-methoxyethanol | | 203-713-7 | 109-86-4 | Toxic for reproduction (Article 57c) | 15/12/2010 |
| Acids generated from chromium trioxide and their oligomers | | - | - | Carcinogenic (Article 57a) | 15/12/2010 |
| Oligomers of chromic acid and dichromic acid | | - | - | Carcinogenic (Article 57a) | 15/12/2010 |
| Chromic acid | | 231-801-5 | 13630-68-2 | Carcinogenic (Article 57a) | 15/12/2010 |
| Dichromic acid | | 236-881-5 | 7738-94-5 | Carcinogenic (Article 57a) | 15/12/2010 |
| Chromium trioxide | | 215-607-8 | 1333-82-0 | Carcinogenic (Article 57a)#Mutagenic (Article 57b) | 15/12/2010 |
| Cobalt(II) carbonate | | 208-169-4 | 513-79-1 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 15/12/2010 |
| Cobalt(II) diacetate | | 200-755-8 | 71-48-7 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 15/12/2010 |
| Cobalt(II) dimtrate | | 233-402-1 | 10141-06-6 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 15/12/2010 |
| Cobalt(II) sulphate | | 233-334-2 | 10124-43-3 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 15/12/2010 |
| Ammonium dichromate | | 232-143-1 | 7789-09-5 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c) | 18/06/2010 |
| Boric acid | EC No. 233-139-2 and EC No. 234-343-4 | - | - | Toxic for reproduction (Article 57c) | 18/06/2010 |
| Boric acid, crude natural | | 234-343-4 | 11113-50-1 | Toxic for reproduction (Article 57c) | 18/06/2010 |
| Boric acid | | 233-139-2 | 10043-35-3 | Toxic for reproduction (Article 57c) | 18/06/2010 |
| Disodium tetraborate, anhydrous | | 215-540-4 | 12179-04-3, 1303-96-4, 133 | Toxic for reproduction (Article 57c) | 18/06/2010 |
| Potassium chromate | | 232-140-5 | 7789-00-6 | Carcinogenic (Article 57a)#Mutagenic (Article 57b) | 18/06/2010 |
| Potassium dichromate | | 231-906-6 | 7778-50-9 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c) | 18/06/2010 |
| Sodium chromate | | 231-889-6 | 7775-11-3 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c) | 18/06/2010 |
| Tetaboron disodium heptaoxide, hydrate | | 235-541-3 | 12267-73-1 | Toxic for reproduction (Article 57c) | 18/06/2010 |
| Trichloroethylene | | 201-167-4 | 79-01-6 | Carcinogenic (Article 57a) | 18/06/2010 |
| Acrylamide | | 201-173-7 | 79-06-1 | Carcinogenic (Article 57a)#Mutagenic (Article 57b) | 30/03/2010 |
| 2,4-dinitrotoluene | | 204-450-0 | 121-14-2 | Carcinogenic (Article 57a) | 13/01/2010 |
| Anthracene oil | | 292-602-7 | 90640-80-5 | Carcinogenic (Article 57a)#PBT (Article 57d)#Pb (Article 57e) | 13/01/2010 |
| Anthracene oil, anthracene paste | | 292-603-2 | 90640-81-6 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#Pb (Article 57e) | 13/01/2010 |
| Anthracene oil, anthracene paste, anthracene fraction | | 295-275-9 | 91995-15-2 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#Pb (Article 57e) | 13/01/2010 |
| Anthracene oil, anthracene paste, distn. lights | | 295-278-5 | 91995-17-4 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#Pb (Article 57e) | 13/01/2010 |
| Anthracene oil, anthracene-low | | 292-604-8 | 90640-82-7 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#PBT (Article 57d)#Pb (Article 57e) | 13/01/2010 |
| Diisobutyl phthalate | | 201-553-2 | 84-69-5 | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f)) - human health | 13/01/2010 |
| Lead chromate | | 231-846-0 | 7758-97-6 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 13/01/2010 |
| Lead chromate molybdate sulphate red (C.I. Pigment Red 104) | | 235-759-9 | 12656-85-8 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 13/01/2010 |
| Lead sulfochromate yellow (C.I. Pigment Yellow 34) | | 215-693-7 | 1344-37-2 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 13/01/2010 |
| Pitch, coal tar, high-temp. | | 266-028-2 | 65996-93-2 | Carcinogenic (Article 57a)#PBT (Article 57d)#Pb (Article 57e) | 13/01/2010 |
| Tris(2-chloroethyl) phosphate | | 204-118-5 | 115-96-8 | Toxic for reproduction (Article 57c) | 13/01/2010 |
| 4,4'-Diaminodiphenylmethane (MDA) | | 202-974-4 | 101-77-9 | Carcinogenic (Article 57a) | 28/10/2008 |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) | | 201-329-4 | 81-15-2 | nPb (Article 57e) | 28/10/2008 |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | | 287-476-5 | 86535-84-8 | PBT (Article 57d)#Pb (Article 57e) | 28/10/2008 |
| Anthracene | | 204-371-1 | 120-12-7 | PBT (Article 57d) | 28/10/2008 |
| Benzyl butyl phthalate (BBP) | | 201-622-7 | 85-68-7 | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f)) - human health | 28/10/2008 |
| Bis (2-ethylhexyl)phthalate (DEHP) | | 204-211-0 | 117-81-7 | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f)) - environment#Endocrine disrupting properties (Article 57(f)) - human health | 28/10/2008 |
| Bis(tributyltin) oxide (TBT) | | 200-268-0 | 56-35-9 | PBT (Article 57d) | 28/10/2008 |
| Cobalt dichloride | | 231-589-4 | 7646-79-9 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 28/10/2008 |
| Diarsenic pentaoxide | | 215-116-9 | 1303-28-2 | Carcinogenic (Article 57a) | 28/10/2008 |
| Diarsenic trioxide | | 215-481-4 | 1327-53-3 | Carcinogenic (Article 57a) | 28/10/2008 |
| Dibutyl phthalate (DBP) | | 201-557-4 | 84-74-2 | Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f)) - human health | 28/10/2008 |
| Hexabromocyclododecane (HBCDD) | and all major diastereoisomers identified | - | - | PBT (Article 57d) | 28/10/2008 |
| gamma-hexabromocyclododecane | | - | 134237-52-8 | PBT (Article 57d) | 28/10/2008 |
| beta-hexabromocyclododecane | | - | 134237-51-7 | PBT (Article 57d) | 28/10/2008 |
| Hexabromocyclododecane | | 247-148-4 | 25637-99-4 | PBT (Article 57d) | 28/10/2008 |
| 1,2,5,6,9,10-hexabromocyclododecane | | 221-695-9 | 3194-55-6 | PBT (Article 57d) | 28/10/2008 |
| alpha-hexabromocyclododecane | | - | 134237-50-6 | PBT (Article 57d) | 28/10/2008 |
| Lead hydrogen arsenate | | 232-064-2 | 7784-40-9 | Carcinogenic (Article 57a)#Toxic for reproduction (Article 57c) | 28/10/2008 |
| Sodium dichromate | | 234-190-3 | 10588-01-9, 7789-12-0 | Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c) | 28/10/2008 |
| Triethyl arsenate | | 427-700-2 | 15606-95-8 | Carcinogenic (Article 57a) | 28/10/2008 |

ANNEX B

| Finished Goods Product Class | CAS No. | ECHA Substance of Very High Concern (SVHC) - Chemical Name | Finished Goods (FG) Item Description |
|------------------------------|-----------|------------------------------------------------------------|--------------------------------------------------------------------|
| BAR SOLDER FG | 7439-92-1 | Lead | SN01PB97.5AG01.5 SOLDER-BAR |
| BAR SOLDER FG | 7439-92-1 | Lead | SN05PB95, SN03PB95AG02, SN10PB88AG02, SN10PB90, SN20PB79S801 E-BAR |
| BAR SOLDER FG | 7439-92-1 | Lead | SN23PB75S82, SN50PB50, SN62PB36AG02, SN05PB93.5AG01.5 E-BAR |
| BAR SOLDER FG | 7439-92-1 | Lead | SN60PB40 UP BAR |
| BAR SOLDER FG | 7439-92-1 | Lead | SN63PB37 ULD, UP BAR |
| CHEMICAL FG | 77-09-8 | Phenolphthalein | FLUX TEST KIT - TYPE PS-20 |
| CHEMICAL FG | 77-09-8 | Phenolphthalein | FLUX TEST KIT - TYPE PS-22 |
| PREFORM FG | 7439-92-1 | Lead | CUTOFF SOLID SN63PB37 |
| PREFORM FG | 7439-92-1 | Lead | CUTOFF, CUTOFFS SLD, CUTOFF REC 285/ |
| PREFORM FG | 7439-92-1 | Lead | DISCS 44/ SN35PB65, SN63PB37, SN10PB88AG2 |
| PREFORM FG | 7439-92-1 | Lead | DISCS SOLID SNPB, SNPBAG |
| PREFORM FG | 7439-92-1 | Lead | FC CUTOFFS SOLID/290S |
| PREFORM FG | 7439-92-1 | Lead | FC DISCS |
| PREFORM FG | 7439-92-1 | Lead | FC DISCS SOLID/435 |
| PREFORM FG | 7439-92-1 | Lead | FC DISCS SOLID/290S |
| PREFORM FG | 7439-92-1 | Lead | FC STMPG SOLID/290S |
| PREFORM FG | 7439-92-1 | Lead | FC STMPNGS WF SOLID/290S |
| PREFORM FG | 7439-92-1 | Lead | FC WASHERS 285/290S |
| PREFORM FG | 7439-92-1 | Lead | FC WASHERS SOLID/291S SnPb |
| PREFORM FG | 7439-92-1 | Lead | FC WASHERS SOLID/492 |
| PREFORM FG | 7439-92-1 | Lead | FC WASHERS, FC WASHERS SOLID, /290S |
| PREFORM FG | 7439-92-1 | Lead | PELLETS 285/ SnPb |
| PREFORM FG | 7439-92-1 | Lead | PELLETS 44/ SnPb |
| PREFORM FG | 7439-92-1 | Lead | PELLETS 88/ SnPb |
| PREFORM FG | 7439-92-1 | Lead | PELLETS SOLID SnPb |
| PREFORM FG | 7439-92-1 | Lead | PELLETS 285/ |
| PREFORM FG | 7439-92-1 | Lead | WASHER 285/ Sn62/Pb36/Ag02 |
| PREFORM FG | 7439-92-1 | Lead | WASHER OR420 |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 245S |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 246SF |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 282 |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 285 |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 286SF |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 44 |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 48SF |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 88 |
| PREFORM FG | 7439-92-1 | Lead | WASHERS OR420 |
| PREFORM FG | 7439-92-1 | Lead | WASHERS 286SF |
| PREFORM FG | 7439-92-1 | Lead | WASHERS SOLID SNPB |
| PREFORM FG | 7439-92-1 | Lead | WASHERS-RED 245S |
| REWORK FLUX FG | 872-50-4 | N-Methylpyrrolidone | RF741 Rework Flux |
| REWORK FLUX FG | 872-50-4 | N-Methylpyrrolidone | RF742 REWORK FLUX |
| REWORK FLUX FG | 3194-55-6 | 1,2,5,6,9,10-Hexabromocyclododecane | RF771 Rework Flux |
| REWORK FLUX FG | 9002-93-1 | Octylphenol, ethoxylated | RF773 REWORK FLUX |
| RIBBON FG | 7439-92-1 | Lead | RBN 44/ SNPB69.65AG3S8.35, SN25PB62AG03B110 |
| RIBBON FG | 7439-92-1 | Lead | RBN SOLID SN5PB95, SN63PB37 |
| RIBBON FG | 7439-92-1 | Lead | RIBBON SN5PB93.5AG1.5 285/ |
| RIBBON FG | 7439-92-1 | Lead | RIBBON SOLID SN63PB37, SN30PB70, SN40PB60 |
| SOLDER PASTE FG | 9002-93-1 | Octylphenol, ethoxylated | EM828 Sn96.5Ag3.0Cu0.5 |
| SOLDER PASTE FG | 7439-92-1 | Lead | EP256 Sn62.0PB36.0AG2.0, SN63.0PB37.0 |
| SOLDER PASTE FG | 872-50-4 | N-Methylpyrrolidone | EP256 Sn62Pb36Ag2, Sn63Pb37, SN05PB93.5AG1.5 |
| SOLDER PASTE FG | 7439-92-1 | Lead | EP256HA Sn62.0PB36.0AG2.0 |
| SOLDER PASTE FG | 3194-55-6 | 1,2,5,6,9,10-Hexabromocyclododecane | EP256HA SN63PB37, Sn62Pb36Ag2 |
| SOLDER PASTE FG | 7439-92-1 | Lead | EP256HAK SN62.0PB36.0AG2.0 |
| SOLDER PASTE FG | 3194-55-6 | 1,2,5,6,9,10-Hexabromocyclododecane | EP256HAK Sn63Pb37, Sn62Pb36Ag2 |
| SOLDER PASTE FG | 872-50-4 | N-Methylpyrrolidone | EP256K Sn63Pb37 |
| SOLDER PASTE FG | 7439-92-1 | Lead | FL25OCR Sn62.0PB36.0AG2.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | FL25OCR SN63.0PB37.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | FL25OD SN63.0PB37.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | FL25ODS SN63.0PB37.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | HM531 SN62.0PB36.0AG2.0, SN63.0PB37.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | NP545 SN62.0PB36.0AG2.0, SN63.0PB37.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | NXG1 SN63.0PB37.0 |
| SOLDER PASTE FG | 872-50-4 | N-Methylpyrrolidone | PM202 SN63PB37, SN62PB36AG02 |
| SOLDER PASTE FG | 7439-92-1 | Lead | PM202A SN62.0PB36.0AG2.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | R229D SN62.0PB36.0AG2.0 |
| SOLDER PASTE FG | 872-50-4 | N-Methylpyrrolidone | R229D Sn62Pb36Ag2 |
| SOLDER PASTE FG | 7439-92-1 | Lead | R231 SN62.0PB36.0AG2.0, SN63.0PB37.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | R253-5 SN62.0PB36.0AG2.0, SN63.0PB37.0 |
| SOLDER PASTE FG | 872-50-4 | N-Methylpyrrolidone | R253-5 Sn63Pb37, SN62PB36AG02, Sn95Sb5, Sn96Ag4 |

| Finished Goods Product Class | CAS No. | ECHA Substance of Very High Concern (SVHC) - Chemical Name | Finished Goods (FG) Item Description |
|------------------------------|-----------|------------------------------------------------------------|----------------------------------------------------------------------------------------|
| SOLDER PASTE FG | 7439-92-1 | Lead | R276 SN63.OPB37.0 |
| SOLDER PASTE FG | 872-50-4 | N-Methylpyrrolidone | R276 SN63PB37, Sn62Pb36Ag2, Sn96.5Ag3.0Cu0.5 |
| SOLDER PASTE FG | 7439-92-1 | Lead | R500 SN63.OPB37.0, SN62.OPB36.OAG2.0 |
| SOLDER PASTE FG | 9002-93-1 | Octylphenol, ethoxylated | R520A Sn96.5Ag3.5, Sn96.5Ag3.0Cu0.5, Sn95.5Ag4.0Cu0.5 |
| SOLDER PASTE FG | 7439-92-1 | Lead | R560 SN63.OPB37.0, SN62.OPB36.OAG2.0 |
| SOLDER PASTE FG | 7439-92-1 | Lead | R562 SN62.OPB36.OAG2.0, SN63.OPB37.0, SN42.OPB43.0Bi14.0 |
| SOLDER PASTE FG | 9002-93-1 | Octylphenol, ethoxylated | R562 Sn63Pb37, Sn62Pb36Ag2, Sn43Pb43Bi14 |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF243 |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF6502 |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF-6502ICR |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF-6502T |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF-6516 |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF-6521C |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF-6522 |
| TSF FG | 872-50-4 | N-Methylpyrrolidone | TSF-6522RH |
| WIRE FG | 7439-92-1 | Lead | SN1.OPB97.5AG1.5, SN10PB88AG2, SN5.OPB93.5AG1.5, SN63.00PB36.65S80.35 /44 |
| WIRE FG | 7439-92-1 | Lead | SN1.OPB97.5AG1.5, SN10PB88AG2, SN29.5PB70Bi.5 SOLID |
| WIRE FG | 7439-92-1 | Lead | SN10PB88AG2, SN5.OPB93.5AG1.5, SN15PB85, SN5PB95, SN60PB40, SN62PB36AG2, SN63PB37 /285 |
| WIRE FG | 7439-92-1 | Lead | SN30PB70, SN40PB60, SN50PB50, SN60PB40 /ACID |
| WIRE FG | 7439-92-1 | Lead | SN35PB65, SN40PB60, SN5PB95, SN5PB92.5AG2.5 /RK3K71 |
| WIRE FG | 7439-92-1 | Lead | SN40PB60, SN50PB50, SN60PB40, SN63PB37 /88 |
| WIRE FG | 7439-92-1 | Lead | SN40PB60, SN50PB50, SN60PB40, SN63PB37, SN5PB95, SN5PB93.5AG1.5 SOLID |
| WIRE FG | 7439-92-1 | Lead | SN40PB60, SN50PB50, SN60PB40, SN63PB37, SN62PB36AG2 /44 |
| WIRE FG | 7439-92-1 | Lead | SN40PB60, SN50PB50, SN60PB40, SN63PB37, SN62PB36AG2, SN5.OPB93.5AG1.5 /245 |
| WIRE FG | 7439-92-1 | Lead | SN40PB60, SN50PB50, SN63PB37 /OR421 |
| WIRE FG | 7439-92-1 | Lead | SN40PB60, SN60PB40, SN63PB37, SN5.OPB93.5AG1.5 /331 |
| WIRE FG | 7439-92-1 | Lead | Sn50Pb50 /AW |
| WIRE FG | 7439-92-1 | Lead | SN60PB40, SN63PB37, /282 Wire |
| WIRE FG | 7439-92-1 | Lead | SN63PB37 /232 |
| WIRE FG | 7439-92-1 | Lead | SN63PB37 /296 |
| WIRE FG | 7439-92-1 | Lead | SN63PB37 /296 |
| WIRE FG | 7439-92-1 | Lead | SN63PB37 /405 |
| WIRE FG | 7439-92-1 | Lead | SN63PB37 PHOS SOLID |
| WIRE FG | 7439-92-1 | Lead | SN63PB37, Sn60Pb40 /275 |