



|   |  |                                |                           |                             |                                |                             |                                   |                      |                  |
|---|--|--------------------------------|---------------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------------|----------------------|------------------|
| <b>Form Type</b>  | Distribute   | <b>Version</b>                 | 2.0                       | <b>Ref</b>                  | IPC 1752A                      | <b>Sectionals</b>           | Manufacturing Info/ Material Info | <b>Subsectionals</b> | D, A             |
| <b>Supplier Information</b>   |  |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Company Name</b>   | TE Connectivity  | <b>Request Document ID</b>     |                           | <b>Contact Name</b>         | Cc Wu                          | <b>Contact Title</b>        | Product Compliance Engineer       |                      |                  |
| <b>Company Unique ID</b>  | 1473   | <b>Response Date</b>           | 2014-07-07                | <b>Contact Email</b>        | cc.wu@te.com                   |                             |                                   |                      |                  |
| <b>Contact Phone Number</b>   | 021-33259321   |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Legal Statement</b>  |  |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Supplier Acceptance</b>  | true   |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Legal Statement</b>  |  |                                |                           |                             |                                |                             |                                   |                      |                  |
| The information provided in this document is based upon reasonable inquiry of our suppliers. This information is subject to change. This information does not in any way modify existing purchase specifications or existing contractual or other agreements terms between TE Connectivity (or its affiliated companies) and its customers. |  |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Product</b>  |  |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Manufacturer Item number</b>   | 1-1393243-7  | <b>Amount</b>                  | 12.71078                  | <b>Version</b>              | -                              | <b>Identity</b>             |                                   |                      |                  |
| <b>Manufacturer Item Name</b>   |  | <b>Weight Uom</b>              | g                         | <b>Mfr Site</b>             |                                | <b>Authority</b>            |                                   |                      |                  |
| <b>Date</b>   |  | <b>UOM</b>                     | Each                      |                             |                                |                             |                                   |                      |                  |
| <b>EURoHS-0508</b>  | Product(s) meets EU RoHS requirement without any exemptions - true   |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>ChinaRoHS-0508</b>   | Product(s) is eligible for marking with the e code under China's Measures for Administration of the control of pollution by Electronic Information Products - true |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Manufacturing Information</b>  |  |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>J-STD-020 MSL Rating</b>   |  | <b>Max Total a Wave Time</b>   |                           | <b>Ramp Rate</b>            |                                | <b>Wave Additional Info</b> |                                   |                      |                  |
| <b>Classification Temp</b>  |  | <b>Max Wave Solder Time</b>    | 5.0                       | <b>Ramp Down Rate</b>       |                                | <b>Psi Rating Reflow</b>    |                                   |                      |                  |
| <b>Max Time Within 5</b>  |  | <b>Psi Rating Wave</b>         |                           | <b>Package Designator</b>   |                                | <b>Size</b>                 | 0.0                               |                      |                  |
| <b>Time Above 217</b>   |  | <b>Reflow Additional Info</b>  |                           | <b>Preheat Max Temp</b>     |                                | <b>Terminal Base Alloy</b>  | NAC                               |                      |                  |
| <b>Preheat Duration</b>   |  | <b>bulk Solder Termination</b> | NAC                       | <b>Nbr or Reflow Cycles</b> |                                | <b>Terminal Plating</b>     | NAC                               |                      |                  |
| <b>Preheat Min Temp</b>   |  | <b>Nbr of Instances</b>        | 0                         | <b>Component Temp Spike</b> |                                | <b>Shape</b>                | NAC                               |                      |                  |
| <b>Product Disclosure</b>   |  |                                |                           |                             |                                |                             |                                   |                      |                  |
| <b>Sub-Item/Material/Substance</b>  | <b>Level</b>   | <b>Name</b>                    | <b>Substance Category</b> | <b>Substance CAS</b>        | <b>Substance Concentration</b> | <b>Quantity</b>             | <b>Mass per Unit</b>              | <b>UOM</b>           | <b>Exemption</b> |
| Sub-Item  | 1  | 1-1936826-1                    |                           |                             |                                | 1.0                         | 0.266                             | g                    |                  |
| Material  | 2  | AgNi10/B/-/AgNi10P             |                           |                             |                                | 1.0                         | 0.058                             | g                    |                  |
| Substance   | 3  | Silver                         | Supplier                  | 7440-22-4                   | 90.0                           | 1.0                         | 0.0522                            | g                    |                  |
| Substance   | 3  | Nickel                         | Nickel                    | 7440-02-0                   | 10.0                           | 1.0                         | 0.0058                            | g                    |                  |
| Material  | 2  | Copper                         |                           |                             |                                | 1.0                         | 0.208                             | g                    |                  |
| Substance   | 3  | Nickel                         | Nickel                    | 7440-02-0                   | 0.05                           | 1.0                         | 1.04E-4                           | g                    |                  |
| Substance   | 3  | Lead                           | Lead/Lead Compounds       | 7439-92-1                   | 0.1                            | 1.0                         | 2.08E-4                           | g                    |                  |
| Substance   | 3  | Chromium                       | Supplier                  | 7440-47-3                   | 0.0010                         | 1.0                         | 2.08E-6                           | g                    |                  |
| Substance   | 3  | Copper                         | Supplier                  | 7440-50-8                   | 99.6975                        | 1.0                         | 0.2073708                         | g                    |                  |
| Substance   | 3  | Beryllium                      | Supplier                  | 7440-41-7                   | 0.0010                         | 1.0                         | 2.08E-6                           | g                    |                  |
| Substance   | 3  | Antimony                       | Supplier                  | 7440-36-0                   | 0.01                           | 1.0                         | 2.08E-5                           | g                    |                  |
| Substance   | 3  | Arsenic                        | Supplier                  | 7440-38-2                   | 0.01                           | 1.0                         | 2.08E-5                           | g                    |                  |
| Substance   | 3  | Manganese                      | Supplier                  | 7439-96-5                   | 0.02                           | 1.0                         | 4.16E-5                           | g                    |                  |
| Substance   | 3  | Cobalt                         | Supplier                  | 7440-48-4                   | 0.1                            | 1.0                         | 2.08E-4                           | g                    |                  |
| Substance   | 3  | Mercury                        | Mercury/Mercury Compounds | 7439-97-6                   | 5.0E-4                         | 1.0                         | 1.04E-6                           | g                    |                  |
| Substance   | 3  | Cadmium                        | Cadmium/Cadmium Compounds | 7440-43-9                   | 0.01                           | 1.0                         | 2.08E-5                           | g                    |                  |
| Sub-Item  | 1  | 1936811-7                      |                           |                             |                                | 1.0                         | 1.8                               | g                    |                  |
| Material  | 2  | VESTODUR X7212 NATURAL, A      |                           |                             |                                | 1.0                         | 1.8                               | g                    |                  |
| Substance   | 3  | Antimony oxide (Sb2O3)         | Supplier                  | 1309-64-4                   | 6.0                            | 1.0                         | 0.108                             | g                    |                  |

|           |   |   |                           |                                 |         |     |            |   |  |
|-----------|---|---|---------------------------|---------------------------------|---------|-----|------------|---|--|
| Substance | 3 | 1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol | Supplier                  | 30965-26-5                      | 41.0    | 1.0 | 0.738      | g |  |
| Substance | 3 | Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)   | Supplier                  | 1043-4-FR17                     | 8.0     | 1.0 | 0.144      | g |  |
| Substance | 3 | Glass, oxide, chemicals   | Supplier                  | 65997-17-3                      | 45.0    | 1.0 | 0.81       | g |  |
| Sub-Item  | 1 | 2022105-1   |                           |                                 |         | 1.0 | 0.23268    | g |  |
| Material  | 2 | PBT-GF30 FR (17)  |                           |                                 |         | 1.0 | 0.23268    | g |  |
| Substance | 3 | Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)   | Supplier                  | 1043-4-FR17                     | 13.0    | 1.0 | 0.0302484  | g |  |
| Substance | 3 | 1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol                     | Supplier                  | 26062-94-2                      | 51.7    | 1.0 | 0.12029556 | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                    | Supplier                  | TE5081-2-0909                   | 0.3     | 1.0 | 6.9804E-4  | g |  |
| Substance | 3 | Fluorine  | Supplier                  | 7782-41-4                       | 1.0     | 1.0 | 0.0023268  | g |  |
| Substance | 3 | Glass, oxide, chemicals   | Supplier                  | 65997-17-3                      | 30.0    | 1.0 | 0.069804   | g |  |
| Substance | 3 | Antimony oxide (Sb2O3)  | Supplier                  | 1309-64-4                       | 4.0     | 1.0 | 0.0093072  | g |  |
| Sub-Item  | 1 | 1-1936826-3   |                           |                                 |         | 1.0 | 0.268      | g |  |
| Material  | 2 | AgNi/10/B/-/AgNi10P   |                           |                                 |         | 1.0 | 0.058      | g |  |
| Substance | 3 | Silver  | Supplier                  | 7440-22-4                       | 90.0    | 1.0 | 0.0522     | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0                       | 10.0    | 1.0 | 0.0058     | g |  |
| Material  | 2 | Copper  |                           |                                 |         | 1.0 | 0.21       | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0                       | 0.05    | 1.0 | 1.05E-4    | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1                       | 0.1     | 1.0 | 2.1E-4     | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3                       | 0.0010  | 1.0 | 2.1E-6     | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8                       | 99.6975 | 1.0 | 0.20936475 | g |  |
| Substance | 3 | Beryllium   | Supplier                  | 7440-41-7                       | 0.0010  | 1.0 | 2.1E-6     | g |  |
| Substance | 3 | Antimony  | Supplier                  | 7440-36-0                       | 0.01    | 1.0 | 2.1E-5     | g |  |
| Substance | 3 | Arsenic   | Supplier                  | 7440-38-2                       | 0.01    | 1.0 | 2.1E-5     | g |  |
| Substance | 3 | Manganese   | Supplier                  | 7439-96-5                       | 0.02    | 1.0 | 4.2E-5     | g |  |
| Substance | 3 | Cobalt  | Supplier                  | 7440-48-4                       | 0.1     | 1.0 | 2.1E-4     | g |  |
| Substance | 3 | Mercury   | Mercury/Mercury Compounds | 7439-97-6                       | 5.0E-4  | 1.0 | 1.05E-6    | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9                       | 0.01    | 1.0 | 2.1E-5     | g |  |
| Sub-Item  | 1 | 1936810-2   |                           |                                 |         | 1.0 | 1.174      | g |  |
| Material  | 2 | Polyester Compound  |                           |                                 |         | 1.0 | 1.174      | g |  |
| Substance | 3 | Glass, oxide, chemicals   | Supplier                  | 65997-17-3                      | 12.5    | 1.0 | 0.14675    | g |  |
| Substance | 3 | Antimony oxide (Sb2O3)  | Supplier                  | 1309-64-4                       | 11.0    | 1.0 | 0.12914    | g |  |
| Substance | 3 | Carbonic dichloride, polymer with 4,4-(1-methylethylidene)bis[phenol]         | Supplier                  | 25971-63-5                      | 60.5    | 1.0 | 0.71027    | g |  |
| Substance | 3 | Unspecified ROHS Compliant Substance  | Supplier                  | Unspecified Compliant Substance | 16.0    | 1.0 | 0.18784    | g |  |
| Sub-Item  | 1 | 1-1936826-0   |                           |                                 |         | 1.0 | 0.266      | g |  |
| Material  | 2 | AgNi/10/B/-/AgNi10P   |                           |                                 |         | 1.0 | 0.058      | g |  |
| Substance | 3 | Silver  | Supplier                  | 7440-22-4                       | 90.0    | 1.0 | 0.0522     | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0                       | 10.0    | 1.0 | 0.0058     | g |  |
| Material  | 2 | Copper  |                           |                                 |         | 1.0 | 0.208      | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0                       | 0.05    | 1.0 | 1.04E-4    | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1                       | 0.1     | 1.0 | 2.08E-4    | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3                       | 0.0010  | 1.0 | 2.08E-6    | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8                       | 99.6975 | 1.0 | 0.2073708  | g |  |

|           |   |  |                           |               |         |     |            |   |  |
|-----------|---|--|---------------------------|---------------|---------|-----|------------|---|--|
| Substance | 3 | Beryllium  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 2.08E-6    | g |  |
| Substance | 3 | Antimony   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 2.08E-5    | g |  |
| Substance | 3 | Arsenic  | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 2.08E-5    | g |  |
| Substance | 3 | Manganese  | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 4.16E-5    | g |  |
| Substance | 3 | Cobalt   | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 2.08E-4    | g |  |
| Substance | 3 | Mercury  | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 1.04E-6    | g |  |
| Substance | 3 | Cadmium  | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 2.08E-5    | g |  |
| Sub-Item  | 1 | 1936827-4  |                           |               |         | 1.0 | 0.224      | g |  |
| Material  | 2 | Copper Alloy   |                           |               |         | 1.0 | 0.055      | g |  |
| Substance | 3 | Lead   | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 1.0 | 2.75E-5    | g |  |
| Substance | 3 | Zinc   | Supplier                  | 7440-66-6     | 1.0     | 1.0 | 5.5E-4     | g |  |
| Substance | 3 | Silicon  | Supplier                  | 7440-21-3     | 1.2     | 1.0 | 6.6E-4     | g |  |
| Substance | 3 | Cobalt   | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 5.5E-5     | g |  |
| Substance | 3 | Copper   | Supplier                  | 7440-50-8     | 92.7635 | 1.0 | 0.05101992 | g |  |
| Substance | 3 | Chromium   | Supplier                  | 7440-47-3     | 0.06    | 1.0 | 3.3E-5     | g |  |
| Substance | 3 | Beryllium  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 5.5E-7     | g |  |
| Substance | 3 | Magnesium  | Supplier                  | 7439-95-4     | 0.3     | 1.0 | 1.65E-4    | g |  |
| Substance | 3 | Manganese  | Supplier                  | 7439-96-5     | 0.1     | 1.0 | 5.5E-5     | g |  |
| Substance | 3 | Iron   | Supplier                  | 7439-89-6     | 0.2     | 1.0 | 1.1E-4     | g |  |
| Substance | 3 | Arsenic  | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 5.5E-6     | g |  |
| Substance | 3 | Antimony   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 5.5E-6     | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 4.2     | 1.0 | 0.00231    | g |  |
| Substance | 3 | Cadmium  | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 2.75E-6    | g |  |
| Substance | 3 | Mercury  | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 2.75E-7    | g |  |
| Material  | 2 | Metal  |                           |               |         | 1.0 | 0.02693694 | g |  |
| Substance | 3 | Copper   | Supplier                  | 7440-50-8     | 100.0   | 1.0 | 0.02693694 | g |  |
| Material  | 2 | Copper   |                           |               |         | 1.0 | 0.104      | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 5.2E-5     | g |  |
| Substance | 3 | Lead   | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 1.04E-4    | g |  |
| Substance | 3 | Chromium   | Supplier                  | 7440-47-3     | 0.0010  | 1.0 | 1.04E-6    | g |  |
| Substance | 3 | Copper   | Supplier                  | 7440-50-8     | 99.6975 | 1.0 | 0.1036854  | g |  |
| Substance | 3 | Beryllium  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 1.04E-6    | g |  |
| Substance | 3 | Antimony   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 1.04E-5    | g |  |
| Substance | 3 | Arsenic  | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 1.04E-5    | g |  |
| Substance | 3 | Manganese  | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 2.08E-5    | g |  |
| Substance | 3 | Cobalt   | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 1.04E-4    | g |  |
| Substance | 3 | Mercury  | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 5.2E-7     | g |  |
| Substance | 3 | Cadmium  | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 1.04E-5    | g |  |
| Material  | 2 | alloy  |                           |               |         | 1.0 | 0.03806306 | g |  |
| Substance | 3 | Silver   | Supplier                  | 7440-22-4     | 90.0    | 1.0 | 0.03425676 | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 10.0    | 1.0 | 0.00380631 | g |  |
| Sub-Item  | 1 | 1915071-4  |                           |               |         | 1.0 | 0.156      | g |  |
| Material  | 2 | Adhesive   |                           |               |         | 1.0 | 0.156      | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                 | Supplier                  | TE5081-2-1212 | 71.3    | 1.0 | 0.111228   | g |  |
| Substance | 3 | Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane | Supplier                  | 25068-38-6    | 12.6    | 1.0 | 0.019656   | g |  |
| Substance | 3 | Carbonic acid calcium salt (1:1)   | Supplier                  | 471-34-1      | 16.1    | 1.0 | 0.025116   | g |  |
| Sub-Item  | 1 | 1-1936826-2  |                           |               |         | 1.0 | 0.268      | g |  |
| Material  | 2 | AgNi10/B/-/AgNi10P   |                           |               |         | 1.0 | 0.058      | g |  |
| Substance | 3 | Silver   | Supplier                  | 7440-22-4     | 90.0    | 1.0 | 0.0522     | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 10.0    | 1.0 | 0.0058     | g |  |
| Material  | 2 | Copper   |                           |               |         | 1.0 | 0.21       | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 1.05E-4    | g |  |
| Substance | 3 | Lead   | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 2.1E-4     | g |  |
| Substance | 3 | Chromium   | Supplier                  | 7440-47-3     | 0.0010  | 1.0 | 2.1E-6     | g |  |
| Substance | 3 | Copper   | Supplier                  | 7440-50-8     | 99.6975 | 1.0 | 0.20936475 | g |  |

|           |   |  |                           |               |         |     |            |   |  |
|-----------|---|--|---------------------------|---------------|---------|-----|------------|---|--|
| Substance | 3 | Beryllium                                  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 2.1E-6     | g |  |
| Substance | 3 | Antimony                                   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 2.1E-5     | g |  |
| Substance | 3 | Arsenic                                    | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 2.1E-5     | g |  |
| Substance | 3 | Manganese                                  | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 4.2E-5     | g |  |
| Substance | 3 | Cobalt                                     | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 2.1E-4     | g |  |
| Substance | 3 | Mercury                                    | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 1.05E-6    | g |  |
| Substance | 3 | Cadmium                                    | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 2.1E-5     | g |  |
| Sub-Item  | 1 | 3-1936825-2                                |                           |               |         | 1.0 | 7.8266     | g |  |
| Material  | 2 | Iron                                       |                           |               |         | 1.0 | 3.51       | g |  |
| Substance | 3 | Cobalt                                     | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 0.00351    | g |  |
| Substance | 3 | Aluminum                                   | Supplier                  | 7429-90-5     | 0.1     | 1.0 | 0.00351    | g |  |
| Substance | 3 | Titanium                                   | Supplier                  | 7440-32-6     | 0.1     | 1.0 | 0.00351    | g |  |
| Substance | 3 | Carbon                                     | Supplier                  | 7440-44-0     | 0.02    | 1.0 | 7.02E-4    | g |  |
| Substance | 3 | Manganese                                  | Supplier                  | 7439-96-5     | 0.35    | 1.0 | 0.012285   | g |  |
| Substance | 3 | Phosphorus                                 | Supplier                  | 7723-14-0     | 0.18    | 1.0 | 0.006318   | g |  |
| Substance | 3 | Silicon                                    | Supplier                  | 7440-21-3     | 0.15    | 1.0 | 0.005265   | g |  |
| Substance | 3 | Vanadium                                   | Supplier                  | 7440-62-2     | 0.1     | 1.0 | 0.00351    | g |  |
| Substance | 3 | Sulfur                                     | Supplier                  | 7704-34-9     | 0.03    | 1.0 | 0.001053   | g |  |
| Substance | 3 | Chromium                                   | Supplier                  | 7440-47-3     | 0.2     | 1.0 | 0.00702    | g |  |
| Substance | 3 | Beryllium                                  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 3.51E-5    | g |  |
| Substance | 3 | Iron                                       | Supplier                  | 7439-89-6     | 98.3885 | 1.0 | 3.45343635 | g |  |
| Substance | 3 | Antimony                                   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 3.51E-4    | g |  |
| Substance | 3 | Arsenic                                    | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 3.51E-4    | g |  |
| Substance | 3 | Nickel                                     | Nickel                    | 7440-02-0     | 0.15    | 1.0 | 0.005265   | g |  |
| Substance | 3 | Mercury                                    | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 1.755E-5   | g |  |
| Substance | 3 | Cadmium                                    | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 3.51E-4    | g |  |
| Substance | 3 | Lead                                       | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 0.00351    | g |  |
| Material  | 2 | Nickel Plate                               |                           |               |         | 1.0 | 0.018572   | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances | Supplier                  | TE5081-2-1212 | 0.2     | 1.0 | 3.7144E-5  | g |  |
| Substance | 3 | Lead                                       | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 1.8572E-5  | g |  |
| Substance | 3 | Nickel                                     | Nickel                    | 7440-02-0     | 99.7    | 1.0 | 0.01851628 | g |  |
| Material  | 2 | Phos Bronze                                |                           |               |         | 1.0 | 0.032      | g |  |
| Substance | 3 | Phosphorus                                 | Supplier                  | 7723-14-0     | 0.35    | 1.0 | 1.12E-4    | g |  |
| Substance | 3 | Iron                                       | Supplier                  | 7439-89-6     | 0.1     | 1.0 | 3.2E-5     | g |  |
| Substance | 3 | Arsenic                                    | Supplier                  | 7440-38-2     | 0.015   | 1.0 | 4.8E-6     | g |  |
| Substance | 3 | Cobalt                                     | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 3.2E-5     | g |  |
| Substance | 3 | Manganese                                  | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 6.4E-6     | g |  |
| Substance | 3 | Beryllium                                  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 3.2E-7     | g |  |
| Substance | 3 | Antimony                                   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 3.2E-6     | g |  |
| Substance | 3 | Tin  | Supplier                  | 7440-31-5     | 7.0     | 1.0 | 0.00224    | g |  |
| Substance | 3 | Zinc                                       | Supplier                  | 7440-66-6     | 0.3     | 1.0 | 9.6E-5     | g |  |
| Substance | 3 | Chromium                                   | Supplier                  | 7440-47-3     | 0.01    | 1.0 | 3.2E-6     | g |  |
| Substance | 3 | Copper                                     | Supplier                  | 7440-50-8     | 91.9385 | 1.0 | 0.02942032 | g |  |
| Substance | 3 | Nickel                                     | Nickel                    | 7440-02-0     | 0.1     | 1.0 | 3.2E-5     | g |  |
| Substance | 3 | Lead                                       | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 1.0 | 1.6E-5     | g |  |
| Substance | 3 | Cadmium                                    | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 1.6E-6     | g |  |
| Substance | 3 | Mercury                                    | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 1.6E-7     | g |  |
| Material  | 2 | Carbon Steel                               |                           |               |         | 1.0 | 0.804      | g |  |
| Substance | 3 | Mercury                                    | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 4.02E-6    | g |  |
| Substance | 3 | Antimony                                   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 8.04E-5    | g |  |
| Substance | 3 | Manganese                                  | Supplier                  | 7439-96-5     | 0.6     | 1.0 | 0.004824   | g |  |
| Substance | 3 | Carbon                                     | Supplier                  | 7440-44-0     | 0.13    | 1.0 | 0.0010452  | g |  |
| Substance | 3 | Sulfur                                     | Supplier                  | 7704-34-9     | 0.04    | 1.0 | 3.216E-4   | g |  |
| Substance | 3 | Chromium                                   | Supplier                  | 7440-47-3     | 0.15    | 1.0 | 0.001206   | g |  |
| Substance | 3 | Beryllium                                  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 8.04E-6    | g |  |
| Substance | 3 | Phosphorus                                 | Supplier                  | 7723-14-0     | 0.02    | 1.0 | 1.608E-4   | g |  |
| Substance | 3 | Silicon                                    | Supplier                  | 7440-21-3     | 0.1     | 1.0 | 8.04E-4    | g |  |
| Substance | 3 | Cobalt                                     | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 8.04E-4    | g |  |
| Substance | 3 | Arsenic                                    | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 8.04E-5    | g |  |

|           |   |   |                           |               |         |     |            |   |  |
|-----------|---|---|---------------------------|---------------|---------|-----|------------|---|--|
| Substance | 3 | Iron  | Supplier                  | 7439-89-6     | 98.6785 | 1.0 | 0.79337514 | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 8.04E-4    | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 8.04E-5    | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 4.02E-4    | g |  |
| Material  | 2 | Beryllium Copper  |                           |               |         | 1.0 | 0.0116     | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 1.16E-6    | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8     | 96.9485 | 1.0 | 0.01124603 | g |  |
| Substance | 3 | Manganese   | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 2.32E-6    | g |  |
| Substance | 3 | Antimony  | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 1.16E-6    | g |  |
| Substance | 3 | Beryllium   | Supplier                  | 7440-41-7     | 0.6     | 1.0 | 6.96E-5    | g |  |
| Substance | 3 | Arsenic   | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 1.16E-6    | g |  |
| Substance | 3 | Cobalt  | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 1.16E-5    | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3     | 0.0010  | 1.0 | 1.16E-7    | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 1.16E-5    | g |  |
| Substance | 3 | Mercury   | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 5.8E-8     | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0     | 2.2     | 1.0 | 2.552E-4   | g |  |
| Material  | 2 | Copper  |                           |               |         | 1.0 | 0.3        | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 1.5E-4     | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 3.0E-4     | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3     | 0.0010  | 1.0 | 3.0E-6     | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8     | 99.6975 | 1.0 | 0.2990925  | g |  |
| Substance | 3 | Beryllium   | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 3.0E-6     | g |  |
| Substance | 3 | Antimony  | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 3.0E-5     | g |  |
| Substance | 3 | Arsenic   | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 3.0E-5     | g |  |
| Substance | 3 | Manganese   | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 6.0E-5     | g |  |
| Substance | 3 | Cobalt  | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 3.0E-4     | g |  |
| Substance | 3 | Mercury   | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 1.5E-6     | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 3.0E-5     | g |  |
| Material  | 2 | Nickel Plate  |                           |               |         | 1.0 | 0.04       | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                    | Supplier                  | TE5081-2-1212 | 0.2     | 1.0 | 8.0E-5     | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 4.0E-5     | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0     | 99.7    | 1.0 | 0.03988    | g |  |
| Material  | 2 | VESTODUR X7212 NATURAL, A   |                           |               |         | 1.0 | 0.297      | g |  |
| Substance | 3 | Antimony oxide (Sb2O3)  | Supplier                  | 1309-64-4     | 6.0     | 1.0 | 0.01782    | g |  |
| Substance | 3 | 1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol | Supplier                  | 30965-26-5    | 41.0    | 1.0 | 0.12177    | g |  |
| Substance | 3 | Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)   | Supplier                  | 1043-4-FR17   | 8.0     | 1.0 | 0.02376    | g |  |
| Substance | 3 | Glass, oxide, chemicals   | Supplier                  | 65997-17-3    | 45.0    | 1.0 | 0.13365    | g |  |
| Material  | 2 | Copper  |                           |               |         | 1.0 | 2.802      | g |  |
| Substance | 3 | Antimony  | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 2.802E-4   | g |  |
| Substance | 3 | Beryllium   | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 2.802E-5   | g |  |
| Substance | 3 | Arsenic   | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 2.802E-4   | g |  |
| Substance | 3 | Manganese   | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 5.604E-4   | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8     | 99.6975 | 1.0 | 2.79352395 | g |  |
| Substance | 3 | Cobalt  | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 0.002802   | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3     | 0.0010  | 1.0 | 2.802E-5   | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 2.802E-4   | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 0.002802   | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 0.001401   | g |  |

|           |   |                   |                           |           |         |     |            |   |  |
|-----------|---|-------------------|---------------------------|-----------|---------|-----|------------|---|--|
| Substance | 3 | Mercury           | Mercury/Mercury Compounds | 7439-97-6 | 5.0E-4  | 1.0 | 1.401E-5   | g |  |
| Material  | 2 | Copper Plate      |                           |           |         | 1.0 | 0.011428   | g |  |
| Substance | 3 | Lead              | Lead/Lead Compounds       | 7439-92-1 | 0.1     | 1.0 | 1.1428E-5  | g |  |
| Substance | 3 | Copper            | Supplier                  | 7440-50-8 | 99.9    | 1.0 | 0.01141657 | g |  |
| Sub-Item  | 1 | 1936827-5         |                           |           |         | 1.0 | 0.224      | g |  |
| Material  | 2 | Copper Alloy      |                           |           |         | 1.0 | 0.055      | g |  |
| Substance | 3 | Lead              | Lead/Lead Compounds       | 7439-92-1 | 0.05    | 1.0 | 2.75E-5    | g |  |
| Substance | 3 | Zinc              | Supplier                  | 7440-66-6 | 1.0     | 1.0 | 5.5E-4     | g |  |
| Substance | 3 | Silicon           | Supplier                  | 7440-21-3 | 1.2     | 1.0 | 6.6E-4     | g |  |
| Substance | 3 | Cobalt            | Supplier                  | 7440-48-4 | 0.1     | 1.0 | 5.5E-5     | g |  |
| Substance | 3 | Copper            | Supplier                  | 7440-50-8 | 92.7635 | 1.0 | 0.05101992 | g |  |
| Substance | 3 | Chromium          | Supplier                  | 7440-47-3 | 0.06    | 1.0 | 3.3E-5     | g |  |
| Substance | 3 | Beryllium         | Supplier                  | 7440-41-7 | 0.0010  | 1.0 | 5.5E-7     | g |  |
| Substance | 3 | Magnesium         | Supplier                  | 7439-95-4 | 0.3     | 1.0 | 1.65E-4    | g |  |
| Substance | 3 | Manganese         | Supplier                  | 7439-96-5 | 0.1     | 1.0 | 5.5E-5     | g |  |
| Substance | 3 | Iron              | Supplier                  | 7439-89-6 | 0.2     | 1.0 | 1.1E-4     | g |  |
| Substance | 3 | Arsenic           | Supplier                  | 7440-38-2 | 0.01    | 1.0 | 5.5E-6     | g |  |
| Substance | 3 | Antimony          | Supplier                  | 7440-36-0 | 0.01    | 1.0 | 5.5E-6     | g |  |
| Substance | 3 | Nickel            | Nickel                    | 7440-02-0 | 4.2     | 1.0 | 0.00231    | g |  |
| Substance | 3 | Cadmium           | Cadmium/Cadmium Compounds | 7440-43-9 | 0.0050  | 1.0 | 2.75E-6    | g |  |
| Substance | 3 | Mercury           | Mercury/Mercury Compounds | 7439-97-6 | 5.0E-4  | 1.0 | 2.75E-7    | g |  |
| Material  | 2 | Metal             |                           |           |         | 1.0 | 0.02693694 | g |  |
| Substance | 3 | Copper            | Supplier                  | 7440-50-8 | 100.0   | 1.0 | 0.02693694 | g |  |
| Material  | 2 | Copper            |                           |           |         | 1.0 | 0.104      | g |  |
| Substance | 3 | Nickel            | Nickel                    | 7440-02-0 | 0.05    | 1.0 | 5.2E-5     | g |  |
| Substance | 3 | Lead              | Lead/Lead Compounds       | 7439-92-1 | 0.1     | 1.0 | 1.04E-4    | g |  |
| Substance | 3 | Chromium          | Supplier                  | 7440-47-3 | 0.0010  | 1.0 | 1.04E-6    | g |  |
| Substance | 3 | Copper            | Supplier                  | 7440-50-8 | 99.6975 | 1.0 | 0.1036854  | g |  |
| Substance | 3 | Beryllium         | Supplier                  | 7440-41-7 | 0.0010  | 1.0 | 1.04E-6    | g |  |
| Substance | 3 | Antimony          | Supplier                  | 7440-36-0 | 0.01    | 1.0 | 1.04E-5    | g |  |
| Substance | 3 | Arsenic           | Supplier                  | 7440-38-2 | 0.01    | 1.0 | 1.04E-5    | g |  |
| Substance | 3 | Manganese         | Supplier                  | 7439-96-5 | 0.02    | 1.0 | 2.08E-5    | g |  |
| Substance | 3 | Cobalt            | Supplier                  | 7440-48-4 | 0.1     | 1.0 | 1.04E-4    | g |  |
| Substance | 3 | Mercury           | Mercury/Mercury Compounds | 7439-97-6 | 5.0E-4  | 1.0 | 5.2E-7     | g |  |
| Substance | 3 | Cadmium           | Cadmium/Cadmium Compounds | 7440-43-9 | 0.01    | 1.0 | 1.04E-5    | g |  |
| Material  | 2 | alloy             |                           |           |         | 1.0 | 0.03806306 | g |  |
| Substance | 3 | Silver            | Supplier                  | 7440-22-4 | 90.0    | 1.0 | 0.03425676 | g |  |
| Substance | 3 | Nickel            | Nickel                    | 7440-02-0 | 10.0    | 1.0 | 0.00380631 | g |  |
| Sub-Item  | 1 | 1915067-2         |                           |           |         | 1.0 | 0.0055     | g |  |
| Material  | 2 | Vitralit 9181     |                           |           |         | 1.0 | 0.0055     | g |  |
| Substance | 3 | Magnopeptin (9Cl) | Supplier                  | 9063-87-0 | 100.0   | 1.0 | 0.0055     | g |  |