

# MATERIAL DECLARATION SHEET



|                 |            |     |   |                                                                                     |
|-----------------|------------|-----|---|-------------------------------------------------------------------------------------|
| Material Number | MF-RHT750  |     |   |  |
| Product Line    | Multifuse  |     |   |                                                                                     |
| Compliance Date | 2017/07/28 |     |   |                                                                                     |
| RoHS Compliant  | Yes        | MSL | 1 |                                                                                     |

| No.                  | Construction Element (subpart) | Homogeneous Material         | Material weight [g] | Homogeneous Material\ Substances   | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|----------------------|--------------------------------|------------------------------|---------------------|------------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 1                    | Epoxy coating powder           | Epoxy coating powder         | 0.253               | Bisphenol A diglycidyl ether resin | 1675-54-3           | 38               | 12.34%                            | 32.5%                         |
|                      |                                |                              |                     | Diglycidyl bisphenol A epoxy       | 25085-99-8          | 10               | 3.25%                             |                               |
|                      |                                |                              |                     | Silica Crystalline                 | 14464-46-1          | 40               | 12.99%                            |                               |
|                      |                                |                              |                     | Non-halogen Flame Retardant        | trade secret        | 3                | 0.97%                             |                               |
|                      |                                |                              |                     | Iron Oxide Fume                    | 51274-00-1          | 5.5              | 1.79%                             |                               |
|                      |                                |                              |                     | Titanium Dioxide                   | 13463-67-7          | 3.5              | 1.14%                             |                               |
| 2                    | Solder                         | Solder                       | 0.167               | Tin                                | 7440-31-5           | 99.3             | 21.29%                            | 21.4%                         |
|                      |                                |                              |                     | Copper                             | 7440-50-8           | 0.7              | 0.15%                             |                               |
| 3                    | Wire                           | Copper Wire with Tin coating | 0.180               | Copper                             | 7440-50-8           | 99.5             | 22.99%                            | 23.1%                         |
|                      |                                |                              |                     | Nickel                             | 7440-02-0           | 0.1              | 0.02%                             |                               |
|                      |                                |                              |                     | Tin                                | 7440-31-5           | 0.4              | 0.09%                             |                               |
| 4                    | Foil                           | Foil                         | 0.084               | Copper                             | 7440-50-8           | 95               | 10.24%                            | 10.8%                         |
|                      |                                |                              |                     | Nickel                             | 7440-02-0           | 5                | 0.54%                             |                               |
| 5                    | Polymer                        | Polymer                      | 0.045               | PVDF                               | 24937-79-9          | 99.9             | 5.77%                             | 5.8%                          |
|                      |                                |                              |                     | Proprietary additives              | Not to declare      | 0.1              | 0.01%                             |                               |
| 6                    | Carbon Black                   | Carbon Black                 | 0.030               | Carbon black                       | 1333-86-4           | 100              | 3.84%                             | 3.8%                          |
| 7                    | Additive                       | Calcium carbonate            | 0.020               | Calcium carbonate                  | 471-34-1            | 100              | 2.57%                             | 2.6%                          |
| Total weight (grams) |                                |                              | 0.779               |                                    |                     |                  |                                   |                               |

This Document was updated on: Jul 28, 2017

## Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.