

Material Data Declaration Sheet

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| ECS Part Number | ECS-MPI2520R1-R | |
| Product Description | Metal Power Inductor | |
| Product Revision | | |
| Product Total Weight | 0.035g/pcs | |
| Contact Information | Company | ECS INC INTERNATIONAL |
| | Contact Name | AJ Anderson |
| | Address | 15351 W. 109th Street Lenexa, Kansas 66219 |
| | Phone Number | 913-782-7787 |



| Homogenous Component/Subcomponent | Homogenous Component/Subcomponent Weight (g) | Substance | CAS number | Substance Weight (g) | PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000) | Remark |
|-----------------------------------|--|---|--------------|----------------------|---|-------------|
| Magnetic Sheet | 0.02591400 | Iron-Fe | 7439-89-6 | 0.023289000 | 6654000 | |
| | | Silicone-Si | 7440-21-3 | 0.002625000 | 750000 | |
| Cu Wire | 0.00700000 | Copper-Cu | 7440-50-8 | 0.005600000 | 1600000 | |
| | | Polyamide Resin | Trade Secret | 0.001400000 | 400000 | Proprietary |
| Electrode | 0.00052500 | Copper-Cu | 7440-50-8 | 0.000017500 | 5000 | |
| | | Nickel-Ni | 7440-02-0 | 0.000367500 | 105000 | |
| | | Tin-Sn | 7440-31-5 | 0.000140000 | 40000 | |
| Black IR Ink | 0.00003500 | Epoxy Acrylate Oligomer | Trade Secret | 0.000014000 | 4000 | Proprietary |
| | | Triglycidyl isocyanurate | 2541-62-9 | 0.000000350 | 100 | |
| | | Epoxy Resin | Trade Secret | 0.000003500 | 1000 | Proprietary |
| | | Pigment | 1309-38-2 | 0.000003500 | 1000 | |
| | | Inorganic Fillers | 7727-43-7 | 0.000000350 | 100 | |
| | | Silica Gel | 112926-00-8 | 0.000001750 | 500 | |
| | | Solvent Naphtha | 64742-94-5 | 0.000005250 | 1500 | |
| Black PSR Ink | 0.00119000 | Diethylene Glycol Monoethyl Ether Acetate | 112-15-2 | 0.000006300 | 1800 | |
| | | Epoxy Acrylate Oligomer | Trade Secret | 0.000535500 | 153000 | Proprietary |
| | | Pigment | 12286-66-7 | 0.000011900 | 3400 | |
| | | Inorganic Fillers | 7727-43-7 | 0.000047600 | 13600 | |
| | | Diethylene Glycol Monoethyl Ether Acetate | 112-15-2 | 0.000238000 | 68000 | |
| | | Triglycidyl isocyanurate | 2541-62-9 | 0.000011900 | 3400 | |
| | | Photoinitiator | 71868-10-5 | 0.000047600 | 13600 | |
| | | Silica Gel | 112926-00-8 | 0.000059500 | 17000 | |
| | | Epoxy Resin | Trade Secret | 0.000059500 | 17000 | Proprietary |
| | | Acrylate Resin | Various | 0.000059500 | 17000 | |
| White Ink (Surface Marking) | 0.00033600 | Solvent Naphtha | 64742-94-5 | 0.000119000 | 34000 | |
| | | Epoxy Acrylate Oligomer | Trade Secret | 0.000100800 | 28800 | Proprietary |
| | | Pigment | 13463-67-7 | 0.000067200 | 19200 | |
| | | Inorganic Fillers | 7727-43-7 | 0.000010080 | 2880 | |
| | | Diethylene Glycol Monoethyl Ether Acetate | 112-15-2 | 0.000050400 | 14400 | |
| | | Triglycidyl isocyanurate | 2541-62-9 | 0.000003360 | 960 | |
| | | Photoinitiator | 71868-10-5 | 0.000016800 | 4800 | |
| | | Epoxy Resin | Trade Secret | 0.000020160 | 5760 | Proprietary |
| | | Acrylate Resin | Various | 0.000016800 | 4800 | |
| | | Dipropylene glycol Monomethylether | 34590-94-8 | 0.000050400 | 14400 | |