

# Material Composition for Model 37P Trimmer

| Sub-component | Material           | % of Total Mass | Substance Name                   | CAS #      | Substance Mass (mg) | Special Classification |
|---------------|--------------------|-----------------|----------------------------------|------------|---------------------|------------------------|
| Slider        | C7701              | 0.983%          | Cu                               | 7440-50-8  | 8.258               |                        |
|               |                    | 0.469%          | Zn                               | 7440-66-6  | 3.938               |                        |
|               |                    | 0.321%          | Nickel                           | 7440-02-0  | 2.700               |                        |
|               |                    | 0.009%          | Mn                               | 7439-96-5  | 0.075               |                        |
|               |                    | 0.004%          | Fe                               | 7439-89-6  | 0.030               |                        |
|               |                    |                 |                                  |            |                     |                        |
| Terminal      | SPCC               | 0.030%          | C                                | 7440-44-0  | 0.252               |                        |
|               |                    | 0.030%          | Mn                               | 7439-96-5  | 0.252               |                        |
|               |                    | 0.006%          | P                                | 7723-14-0  | 0.050               |                        |
|               |                    | 0.006%          | S                                | 7704-34-9  | 0.050               |                        |
|               |                    | 0.045%          | Si                               | 7440-21-3  | 0.378               |                        |
|               |                    | 0.007%          | Al                               | 7429-90-5  | 0.055               |                        |
|               |                    | 14.876%         | Fe                               | 7439-89-6  | 124.962             |                        |
|               |                    | 0.357%          | Sn                               | 7440-31-5  | 3.000               |                        |
|               | Luster Tin Plating |                 |                                  |            |                     |                        |
| Knob          | PA66               | 31.417%         | LYHEXAMETHYLENE ADIPAM           | 32131-17-2 | 263.900             |                        |
|               |                    | 15.467%         | FIBERS GLASS                     | 65997-17-3 | 129.920             |                        |
|               |                    | 1.450%          | RANTS,STABILIZERS,LUBRIC         | 76024-18-9 | 12.180              |                        |
|               |                    |                 |                                  |            |                     |                        |
| Element       | Ceramic base       | 31.168%         | Al2O3                            | 1344-28-1  | 261.810             | RoHS exemption 34      |
|               |                    | 0.983%          | SiO2                             | 14808-60-7 | 8.258               |                        |
|               |                    | 0.730%          | MgO                              | 1309-48-4  | 6.132               |                        |
|               | Resistance element | 0.500%          | Glass                            | 65997-18-4 | 4.198               |                        |
|               |                    | 0.232%          | RuO2                             | 12036-10-1 | 1.952               |                        |
|               |                    | 0.126%          | Pb                               | 7439-92-1  | 1.060               |                        |
|               |                    | 0.018%          | MnO                              | 11129-60-5 | 0.150               |                        |
|               |                    | 0.150%          | Phenolic resin                   | 9039-25-2  | 1.256               |                        |
|               | Silver Plasm       | 0.383%          | Silver                           | 7440-22-4  | 3.220               |                        |
|               |                    | 0.004%          | Glass powder                     | 65997-17-3 | 0.032               |                        |
|               |                    | 0.038%          | Graphite                         | 7782-42-5  | 0.322               |                        |
|               |                    | 0.038%          | Molybdeum disulfide              | 1317-33-5  | 0.322               |                        |
|               |                    | 0.153%          | Diethylene glycol monveihyl ethe | 111-90-0   | 1.288               |                        |
|               |                    |                 |                                  |            |                     |                        |
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| Total mass | 840.000 mg |
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