

# Fair-Rite P/N **5977001321**

## 77 Material Grade

## Nominal Chemical Composition

| <u>Compound</u> | <u>CAS Number</u> | <u>wt %</u> | Wt of core (g)=<br><b>9.6</b> |  |
|-----------------|-------------------|-------------|-------------------------------|--|
| Fe2O3           | 1309-37-1         | 69          | 6.62                          | Compound Weight<br>(g) Breakdown of 77<br>Material |
| MnO             | 1344-43-0         | 22          | 2.11                          |  |
| ZnO             | 1314-13-2         | 9           | 0.86                          |  |

- Supporting notes:  
 1. RoHS Conversion Date= 1/1/2005  
 2. RoHS Compliance Marking is  
 Contained on Shipping Labels

## URETHANE COATING

| <u>Compound</u>        | <u>CAS Number</u> | <u>wt %</u> | <b>0.387</b> |   |
|------------------------|-------------------|-------------|--------------|---|
| Calcium Carbonate      | 471-34-1          | 49          | 0.1896       | Component Weight<br>(g) Breakdown of<br>Thermo-set Plastic<br>Coating |
| Titanium Dioxide       | 13463-67-7        | 17          | 0.0658       |   |
| Methyl n-Amyl Ketone   | 110-43-0          | 12          | 0.0464       |   |
| Methyl Isobutyl Ketone | 108-10-1          | 3           | 0.0116       |   |
| Xylene                 | 1330-20-7         | 2           | 0.0077       |   |
| Ethyl benzene          | 100-41-4          | 0.3         | 0.0012       |   |
| Quartz                 | 14808-60-7        | 0.2         | 0.0008       |   |
| Misc.                  | --                | 16.5        | 0.0639       |   |

## Calculated Maximum Levels of RoHS Restricted Substances Present in 77 Material Grade

| <u>Impurity Substance</u> | <u>RoHS Threshold (ppm)</u> | <u>ppm</u>  | Wt of core (g)=<br><b>9.6</b> |  |
|---------------------------|-----------------------------|-------------|-------------------------------|--|
| Cr+6                      | 1000                        | 0.00        | 0                             | RoHS Impurity<br>Substance Weight<br>(g) Breakdown of 77<br>Material |
| <b>Cd</b>                 | 100                         | <b>2.52</b> | 2.42304E-05                   |  |
| <b>Hg</b>                 | 1000                        | <b>0.12</b> | 1.1904E-06                    |  |
| <b>Pb</b>                 | 1000                        | <b>6.48</b> | 0.000062208                   |  |
| PBB                       | 1000                        | 0.00        | 0                             |  |
| PBDE                      | 1000                        | 0.00        | 0                             |  |