

# Fair-Rite P/N 5978007621

## 78 Material Grade

## Nominal Chemical Composition

| <u>Compound</u> | <u>CAS Number</u> | <u>wt %</u> | Wt of core (g)= |  |
|-----------------|-------------------|-------------|-----------------|--|
|                 |                   |             | <b>15.00</b>    |  |
| Fe2O3           | 1309-37-1         | 69          | 10.35           | Compound Weight<br>(g) Breakdown of 78<br>Material |
| MnO             | 1344-43-0         | 22          | 3.30            |  |
| ZnO             | 1314-13-2         | 9           | 1.35            |  |

### Supporting notes:

- P/N 5978007621 consists of:
  - core 78 Material Grade
  - coating Urethane
- RoHS Conversion Date= 1/1/2005
- RoHS Compliance Marking is Contained on Shipping Labels

## URETHANE COATING

| <u>Compound</u>        | <u>CAS Number</u> | <u>wt %</u> | Wt of core (g)= |   |
|------------------------|-------------------|-------------|-----------------|---|
|                        |                   |             | <b>0.507</b>    |   |
| Calcium Carbonate      | 471-34-1          | 49          | 0.24843         | Component Weight<br>(g) Breakdown of<br>Thermo-set Plastic<br>Coating |
| Titanium Dioxide       | 13463-67-7        | 17          | 0.08619         |   |
| Methyl n-Amyl Ketone   | 110-43-0          | 12          | 0.06084         |   |
| Methyl Isobutyl Ketone | 108-10-1          | 3           | 0.01521         |   |
| Xylene                 | 1330-20-7         | 2           | 0.01014         |   |
| Ethyl benzene          | 100-41-4          | 0.3         | 0.00152         |   |
| Quartz                 | 14808-60-7        | 0.2         | 0.00101         |   |
| Misc.                  | --                | 16.5        | 0.08366         |   |

## Calculated Maximum Levels of RoHS Restricted Substances Present in 78 Material Grade

| <u>Impurity Substance</u>          | <u>RoHS Threshold (ppm)</u> | <u>ppm</u> | Wt of core (g)= |  |
|------------------------------------|-----------------------------|------------|-----------------|--|
|                                    |                             |            | <b>15.00</b>    |  |
| Cr+6                               | 1000                        | 0          | 0               | RoHS Impurity<br>Substance Weight<br>(g) Breakdown of 78<br>Material |
| Cd                                 | 100                         | 0          | 0               |  |
| Hg                                 | 1000                        | 0          | 0               |  |
| Pb                                 | 1000                        | 0          | 0               |  |
| PBB                                | 1000                        | 0          | 0               |  |
| PBDE                               | 1000                        | 0          | 0               |  |
| Bis(2-Ethylhexyl) phthalate (DEHP) | 1000                        | 0          | 0               |  |
| Benzyl butyl phthalate (BBP)       | 1000                        | 0          | 0               |  |
| Dibutyl phthalate (DBP)            | 1000                        | 0          | 0               |  |
| Diisobutyl phthalate (DIBP)        | 1000                        | 0          | 0               |  |