

Fair-Rite P/N 0446167251

46 Material Grade

Nominal Chemical Composition

| <u>Compound</u> | <u>CAS Number</u> | <u>wt %</u> | Wt of core (g)= | |
|-----------------|-------------------|-------------|-----------------|--|
| | | | 38.00 | |
| Fe2O3 | 1309-37-1 | 68 | 25.8400 | Compound Weight (g) Breakdown of 46 Material |
| ZnO | 1314-13-2 | 18 | 6.8400 | |
| MgO | 1309-48-4 | 9 | 3.4200 | |
| CuO | 1317-38-0 | 5 | 1.9000 | |

UL 94-VO Polypropylene Case

| <u>Material</u> | <u>CAS Number</u> | <u>wt%</u> | Wt of case (g)= | |
|-------------------|-------------------|------------|-----------------|---|
| | | | 4.00 | |
| Polypropylene 301 | 9003-07-0 | 80 | 3.2000 | Material Weight (g) Breakdown of UL 94-VO Polypropylene Case |
| TBB-PA | 21850-44-2 | 11 | 0.4400 | |
| Sb2O3 | 1309-64-4 | 5 | 0.2000 | |
| Misc. | -- | 4 | 0.1600 | |

Calculated Maximum Levels of RoHS Restricted Substances Present in 46 Material Grade

| <u>Impurity Substance</u> | <u>RoHS Threshold (ppm)</u> | <u>ppm</u> | Wt of core (g)= | |
|---------------------------|-----------------------------|--------------|-----------------|--|
| | | | 38.00 | |
| Cr+6 | 1000 | 0.00 | 0 | RoHS Impurity Substance Weight (g) Breakdown of 46 Material |
| Cd | 100 | 10.00 | 0.00038 | |
| Hg | 1000 | 10.00 | 0.00038 | |
| Pb | 1000 | 10.00 | 0.00038 | |
| PBB | 1000 | 0.00 | 0 | |
| PBDE | 1000 | 0.00 | 0 | |

Supporting notes:

1. P/N 0446167251 consists of:
 - a core 46 Material Grade
 - b case UL 94-VO Polypropylene Case
2. RoHS Conversion Date= 1/1/2005
3. RoHS Compliance Marking is Contained on Shipping Labels