

**Fair-Rite P/N 0446164951**

**46 Material Grade**

**Nominal Chemical Composition**

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)=	
			<b>13.20</b>	
Fe2O3	1309-37-1	68	8.9760	Compound Weight (g) Breakdown of 46 Material
ZnO	1314-13-2	18	2.3760	
MgO	1309-48-4	9	1.1880	
CuO	1317-38-0	5	0.6600	

Supporting notes:

1. P/N 0446164951 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

**UL 94-VO Polypropylene Case**

<u>Material</u>	<u>CAS Number</u>	<u>wt%</u>	Wt of case (g)=	
			<b>3.80</b>	
Polypropylene 301	9003-07-0	80	3.0400	Material Weight (g) Breakdown of UL 94-VO Polypropylene Case
TBB-PA	21850-44-2	11	0.4180	
Sb2O3	1309-64-4	5	0.1900	
Misc.	--	4	0.1520	

**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)=	
			<b>13.20</b>	
Cr+6	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 46 Material
<b>Cd</b>	100	<b>10.00</b>	0.000132	
<b>Hg</b>	1000	<b>10.00</b>	0.000132	
<b>Pb</b>	1000	<b>10.00</b>	0.000132	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	