

**Fair-Rite P/N 9677353508**

**77 Material Grade**

**Nominal Chemical Composition**

Supporting notes:

- 1 P/N 9677353508 consists of:
  - a core 77 Material Grade
  - b coating URETHANE COATING
- 2 RoHS Conversion Date= 1/1/2005
- 3. RoHS Compliance Marking is Contained on Shipping Labels

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)=	
			<b>71.00</b>	
Fe2O3	1309-37-1	69	48.9900	Compound Weight (g)
MnO	1344-43-0	22	15.6200	Breakdown of 77
ZnO	1314-13-2	9	6.3900	Material

**URETHANE COATING**

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	Wt of core (g)=	
			<b>1.48</b>	
Calcium Carbonate	471-34-1	49	0.726	Component Weight (g) Breakdown of Thermo-set Plastic Coating
Titanium Dioxide	13463-67-7	17	0.252	
Methyl n-Amyl Ketone	110-43-0	12	0.178	
Methyl Isobutyl Ketone	108-10-1	3	0.044	
Xylene	1330-20-7	2	0.030	
Ethyl benzene	100-41-4	0.3	0.0044	
Quartz	14808-60-7	0.2	0.0030	
Misc.	--	16.5	0.245	

**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)=	
			<b>71.00</b>	
Cr+6	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 77 Material
<b>Cd</b>	100	<b>2.52</b>	0.000179204	
<b>Hg</b>	1000	<b>0.12</b>	0.000008804	
<b>Pb</b>	1000	<b>6.48</b>	0.00046008	
PBB	1000	0.00	0	
PBDE	1000	0.00	0	