

Fair-Rite P/N 9677282509

77 Material Grade

Nominal Chemical Composition

- Supporting notes:
 1 P/N 9677282509 consists of:
 a core 77 Material Grade
 b adhesive HYSOL EPOXY
 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)= <u>37.976</u>	Compound Weight (g) Breakdown of 77 Material
Fe2O3	1309-37-1	69	26.20344	
MnO	1344-43-0	22	8.35472	
ZnO	1314-13-2	9	3.41784	

HYSOL EPOXY

<u>Compound</u>	<u>CAS Number</u>	<u>wt %</u>	<u>0.024</u>	Component Weight (g) Breakdown of HYSOL EPOXY
Epoxy Resin	Proprietary	44.25	0.0106	
Kaolin	1332-58-7	15.78	0.0038	
Benzyl Alcohol	100-51-6	11.49	0.0028	
Paratertiarybutylphenol	98-54-4	9.19	0.0022	
Benzene-1,3-dimethanamine	1477-55-0	6.89	0.0017	
Trimethylhexamethylenediamine	25620-58-0	4.59	0.0011	
Polyglycol Diamine	Proprietary	5.51	0.0013	
Silica, amorphous, fumed, crystal-free	112945-52-5	1.38	0.0003	
Titanium Dioxide	13463-67-7	0.46	0.0001	
Titanium Dioxide Anatase	1317-70-0	0.46	0.0001	

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)= <u>37.976</u>	RoHS Impurity Substance Weight (g) Breakdown of 77 Material
Hexavalent chromium (Cr+6)	1000	0.00	0	
Cadmium (Cd)	100	2.52	9.569952E-05	
Mercury (Hg)	1000	0.12	4.557120E-06	
Lead (Pb)	1000	6.48	2.460845E-04	
Polybrominated biphenyl (PBB)	1000	0.00	0	
Polybrominated diphenyl (PBDE)	1000	0.00	0	
Bis(2-Ethylhexyl) phthalate (DEHP)	1000	0.00	0	
Benzyl butyl phthalate (BBP)	1000	0.00	0	
Dibutyl phthalate (DBP)	1000	0.00	0	
Diisobutyl phthalate (DIBP)	1000	0.00	0	