

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)= 37.976	
Fe2O3	1309-37-1	69	26.20344	Compound Weight (g) Breakdown of 77 Material
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>	0.024	
Bisphenol A Diglycidyl Ether Resin (mol wt < 700)	25068-38-6	70	0.01680	Component Weight (g) Breakdown of HYSOL EPOXY
Glycerol Propoxylate Triglycidyl Ether	37237-76-6	10	0.00240	
Fiberglass	65997-17-3	10	0.00240	
Bisphenol F Diglycidyl Ether	2095-03-6	1	0.00024	
Misc.		9	0.00216	

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)= 37.976	
Hexavalent chromium (Cr+6)	1000	0.00	0	RoHS Impurity Substance Weight (g) Breakdown of 77 Material
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	