

**SSN16xxxLF summary material content, BI Technologies Corporation**

2/2/2009

No content is banned per E.U. RoHS. Prepared by Eric Arnold (714) 447-2565 or ericarnold@bitechnologies.com  
 Average mass of SSN16LF Thin Film network is 0.15 grams each. Scientific notation is used for component masses.  
 Masses below 1E-5 grams are given as "trace"

Material name	also known as	CAS #	Mass per device (grams)	Special classification
Ag	silver	7440-22-4	2.55E-03	
Au	gold	7440-57-5	1.48E-04	
BCB	dvs-BCB, divinylsiloxane-bis-benzocyclobutene	124221-30-3	1.38E-05	
carbon black	lamp black, acetylene black	1333-86-4	4.16E-04	
Cu	copper	7440-50-8	5.56E-02	
epoxy curing agent		trade secret	2.73E-05	
epoxy resin		trade secret	2.46E-04	
epoxy resin, cresol novolac		29690-82-2	1.66E-03	
Fe	iron	7439-89-6	1.34E-03	
NiCrOx	nichrome	combination of 7440-02-0, 7440-47-3, & 1308-38-9	trace	
P	phosphorous, red or amorphous	7723-14-0	1.71E-05	
Si	silicon	7440-21-3	5.11E-03	
SiO2, amorphous	silicon dioxide, silica	7631-86-9	trace	
SiO2, fused silica	silica glass	60676-86-0	7.28E-02	
Sn	tin	7440-31-5	0.0013	
WTi 10%	tungsten titanium 10%	combination of 7440-32-6 & 7440-33-7	trace	
trade secret		n/a	8.39E-03	Non-hazardous and not regulated
Zn	zinc	7440-66-6	6.84E-05	
		Sum of all components	0.15	