

M72 summary material content, BI technologies Corporation

7/23/2004

Highlighted line items are banned in 2006 per E.U. R.o.H.S.. Prepared by Eric Arnold (714) 447-2565
 Average mass of M72 trimmer is 0.7731 gram each. Component weights given in scientific notation

Material name	also known as	CAS #	Weight per unit (grams)	Special classification
Ag	silver	7440-22-4	6.825E-04	
Al2O3	aluminum oxide, alumina	1344-28-1	1.963E-01	
B2O3	boron oxide	1303-86-2	3.930E-05	
BaO	barium oxide, baryta	1304-28-5	2.126E-05	
Bi2Ru2O6	bismuth ruthenium oxide	?	4.500E-05	
C	carbon	7440-44-0	3.923E-05	
CaO	calcium oxide, quicklime	1305-78-8	1.023E-03	
Cr (0)	chrome, chromium (in metals)	7440-47-3	6.566E-04	
Cu	copper	7440-50-8	9.825E-02	
cycloaliphatic epoxy resin	non-glycidyl epoxy resin	2386-87-0	5.527E-03	
epichlorohydrin / polyglycol epoxy resin	epichlorohydrin is aka ECH	26142-30-3	5.527E-03	
epichlorohydrin/bisphenol A epoxy resin	glycidyl-ether epoxy resin	?	6.633E-02	
Fe	iron	7439-89-6	3.228E-03	
FeO2	iron (III) oxide, ferric oxide	1345-25-1	1.023E-03	
Fiberglass		65997-17-3	6.904E-02	
hydantoin epoxy resin	hydantoin is aka glycolyl urea	15336-82-0	5.527E-03	
methylvinyl polysiloxane	silicone rubber	68083-18-1	5.880E-03	
MgO	magnesium oxide	1309-48-4	1.023E-03	
Mn	manganese	7439-96-5	2.181E-05	
MnO2	manganese dioxide or oxide	1313-13-9	2.051E-03	
Mo	molybdenum	7439-98-7	2.897E-05	
modified aliphatic polyamine	typical epoxy hardener	trade secret	2.211E-02	
Ni	nickel	7440-02-0	1.090E-03	
P	phosphorous, red or amorphous	7723-14-0	1.545E-06	
Pb	lead	7439-92-1	8.750E-07	lead in plating finish subject to ban under E.U. RoHS
Pb2Ru2O6+x	lead ruthenium oxide	?	3.200E-04	lead in electronic ceramic
PbO	lead oxide	1317-36-8	3.247E-04	lead in electronic ceramic
PBT	polybutylene terephthalate	26062-94-2	2.589E-01	
Pd	palladium	7440-05-3	1.179E-04	
RuO2	ruthenium dioxide or oxide	12036-10-1	2.100E-05	
S	sulfur	7704-34-9	1.209E-06	
SbO	antimony oxide	1309-64-4	1.726E-02	
Si	silicon	7440-21-3	3.913E-05	
SiO2, amorphous	silicon dioxide, silica	7631-86-9	7.708E-03	
Sn	tin	7440-31-5	1.660E-05	
Steatite	magnesium silicate hydroxide or soap-stone	14807-96-6	2.000E-06	
TiO2	titanium dioxide, titania	13463-67-7	1.041E-03	
unknown	non-hazardous trade secret per MSDS	n/a	1.470E-03	
Zn	zinc	7440-66-6	3.660E-04	
ZnO	zinc oxide, zinc white	1314-13-2	3.780E-05	
ZrO2	zirconium oxide	1314-23-4	9.432E-06	
Sum of components =			0.7731	gram