

M64LF summary material content, BI technologies Corporation

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No content here is banned per E.U. RoHS. Prepared by Eric Arnold (714) 447-2565
 Average mass of M64 trimmer is 0.4272 grams each

Material name	also known as	CAS #	Weight per unit (grams)	Special classification
Ag	silver	7440-22-4	0.000791	
Al2O3	aluminum oxide, alumina	1344-28-1	0.072612	
B2O3	boron oxide	1303-86-2	0.000013	
BaO	barium oxide, baryta	1304-28-5	0.000008	
Bi2Ru2O6	bismuth ruthenium oxide	?	0.000014	
C	carbon	7440-44-0	0.000001	
CaO	calcium oxide, quicklime	1305-78-8	0.000378	
Cu	copper	7440-50-8	0.070323	
cycloaliphatic epoxy resin	non-glycidyl epoxy resin	2386-87-0	0.002583	
epichlorohydrin / polyglycol epoxy resin	n/a	26142-30-3	0.002583	
epichlorohydrin/bisphenol A epoxy resin	glycidyl-ether epoxy resin	?	0.030998	
Fe	iron	7439-89-6	0.000150	
FeO2	iron (III) oxide, ferric oxide	1345-25-1	0.000378	
Fiberglass		65997-17-3	0.034398	
hydantoin epoxy resin	hydantoin is aka glycolyl urea	15336-82-0	0.002583	
MgO	magnesium oxide	1309-48-4	0.000378	
Mn	manganese	7439-96-5	0.000003	
MnO2	manganese dioxide or oxide	1313-13-9	0.000758	
modified aliphatic polyamine	typical epoxy hardener	trade secret	0.010333	
Ni	nickel	7440-02-0	0.001843	
Pb in brass	lead in brass	7439-92-1	0.001290	lead in brass
Pb2Ru2O6+x	lead ruthenium oxide	?	0.000102	lead in electronic ceramic
PbO	lead oxide	1317-36-8	0.000111	lead in electronic ceramic
PBT	polybutylene terephthalate	26062-94-2	0.128993	
Pd	palladium	7440-05-3	0.000349	
PTFE	Polytetrafluoroethylene (Teflon)	009002-84-0	0.038060	
RuO2	Ruthenium dioxide or oxide	12036-10-1	0.000007	
S	sulfur	7704-34-9	0.0000001	
SbO	antimony oxide	1309-64-4	0.008600	
Si	silicon	7440-21-3	0.000001	
SiO2, amorphous	silicon dioxide, silica	7631-86-9	0.003388	
Sn	tin	7440-31-5	0.000017	
Steatite	magnesium silicate hydroxide or soap-stone	14807-96-6	0.000001	
TiO2	titanium dioxide, titania	13463-67-7	0.000385	
Zn	zinc	7440-66-6	0.014743	
ZnO	zinc oxide, zinc white	1314-13-2	0.000013	
ZrO2	zirconium oxide	1314-23-4	0.000003	
Sum of components =			0.42719	