

**Material Data Declaration Sheet**

**ECS INC. INTERNATIONAL**

ECS Model CSM-8A (-20A)  
 Product Description Crystal

Product Total Weight 120.00 mg/pcs

Contact Information  
 Company ECS INC. INTERNATIONAL  
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Homogenous Component/Subcomponent	Homogenous Component/Subcomponent Weight (mg)	Substance	CAS number	Substance Weight (mg)	PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000)	Percent of Substance Content (by weight)
Base	76.688320	Al2O3	1344-28-1	57.673120	752046	75.20
		SiO2	14808-60-7	2.563000	33421	3.34
		Cr2O3	1308-38-9	2.563000	33421	3.34
		TiO2	13463-67-7	1.282000	16717	1.67
		W	7440-33-7	3.045000	39706	3.97
		Ni	7440-02-0	0.913000	11905	1.19
		Au	7440-57-5	0.122000	1591	0.16
		CaO	1305-78-8	0.201600	2629	0.26
		MgO	1309-48-4	0.252000	3286	0.33
		Mo	7439-98-7	0.100800	1314	0.13
		Co	7440-48-4	0.100800	1314	0.13
		Pb	7439-92-1	7.872000	102649	10.26
		Cover	42.711780	Al2O3	1344-28-1	29.080780
SiO2	14808-60-7			1.772000	41487	4.15
MnO2	1313-13-9			1.772000	41487	4.15
Cr2O3	1308-38-9			0.443000	10372	1.04
TiO2	13463-67-7			0.886000	20744	2.07
Fe2O3	1309-37-1			0.443000	10372	1.04
SiO2	7631-86-9			0.443000	10372	1.04
Pb	7439-92-1			7.872000	184305	18.43
Blank	0.599000	Silica SiO2	60676-860	0.578000	964942	96.49
		Ag	7440-22-4	0.021000	35058	3.51
Adhesive	0.000900	Ag	7440-22-4	0.000600	666667	66.67
		Petroleum solvent	Proprietary	0.000100	111111	11.11
		Silicone resin	67763-03-5	0.000200	222222	22.22