



Conformity with electrical and electronic equipment substances regulation even though SEMIKRON products are not subject to the electrical and electronic equipment substances regulation (ElektroStoffV).

SEMIKRON produces the products according to §3.1 of the ElektroStoffV as well as the directive 2011/65/EU of the European parliament (RoHS) on the restriction of the use of certain hazardous substances in electrical and electronic equipment. The ElektroStoffV is the German legal implementation of the European directive 2011/65/EU.

Product Group	SEMIX®3P	Weight		350,8[g]	
		CAS No.	Basic Substance	GADSL / SVHC	Mass [g]
7440-50-8	Copper		D	222,5874	63,4409
9016-75-5	Polyphenylene sulfide		-	39,7300	11,3237
-	VMQ		-	35,5485	10,1319
-	GF-Fibre		-	27,4002	7,8095
7440-31-5	Tin		-	11,4460	3,2623
7439-89-6	Iron		-	4,7096	1,3423
1344-28-1	Aluminium oxide		-	4,0860	1,1646
7440-66-6	Zinc (metal)		-	1,7830	0,5082
7429-90-5	Aluminium (metal)		-	1,0378	0,2958
7440-21-3	Silicon		-	0,7031	0,2004
7440-36-0	Antimony		-	0,5724	0,1631
7440-02-0	Nickel		D	0,4159	0,1185
1333-86-4	Carbon black		-	0,3425	0,0976
112945-52-5	Silica, amorphous fumed		-	0,0950	0,0271
7439-92-1	Lead		DP	0,0943	0,0269
7439-96-5	Manganese		-	0,0529	0,0151
7723-14-0	Phosphorus		-	0,0521	0,0148
7440-47-3	Chromium		-	0,0418	0,0119
7440-22-4	Silver		D	0,0315	0,0090
-	Acrylic resin		-	0,0258	0,0074
7439-98-7	Molybdenum		-	0,0195	0,0055
7440-44-0	Carbon		-	0,0190	0,0054
-	Mineral powder		-	0,0140	0,0040
1317-36-8	Lead-monoxide		DP / SVHC	0,0091	0,0026
7440-62-2	Vanadium		-	0,0085	0,0024
14808-60-7	Quartz (SiO ₂)		D	0,0054	0,0015
1308-38-9	Chromium(III)oxide		-	0,0040	0,0011
60676-86-0	Silica, vitreous		-	0,0040	0,0011
7440-48-4	Cobalt		D	0,0036	0,0010
7439-95-4	Magnesium (metal)		-	0,0031	0,0009
7782-44-7	Oxygen		-	0,0028	0,0008
7440-32-6	Titanium		-	0,0025	0,0007
1333-82-0	Chromium-trioxide		DP / SVHC	0,0021	0,0006
7704-34-9	Sulphur		-	0,0016	0,0005
58698-66-1	1,3-Isobenzofurandione, 5,5'-carbonylbis-, polymer with 2,4-diisocyanato-1-methylbenzene and 1,1'-methylenebis(4-isocyanatobenzene)		-	0,0013	0,0004
12136-45-7	Dipotassium-oxide		-	0,0008	0,0002
7631-86-9	Silicon dioxide		-	0,0004	0,0001
7727-37-9	Nitrogen		-	0,0001	0,00004
7440-42-8	Boron		-	0,0001	0,00002
1309-64-4	Antimonytrioxide		D	0,0001	0,00002
1308-06-1	Tricobalt-tetraoxide		D	0,0001	0,00002
1313-99-1	Nickel-monoxide		D	0,0001	0,00002
1317-35-7	Trimanganese tetraoxide		-	0,0001	0,00002
7440-43-9	Cadmium		DP / SVHC	not detectable traces	
7440-38-2	Arsenic		D	not detectable traces	
7782-50-5	Chlorine		-	not detectable traces	
7440-69-9	Bismuth		-	not detectable traces	
7440-57-5	Gold		-	not detectable traces	
12033-60-2	Silicon-nitride		-	not detectable traces	

IMPORTANT INFORMATION AND WARNINGS

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