



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	SEMIPACK®5	Weight		1360,8 [g]	
		CAS No.	Basic Substance	GADSL / SVHC	Mass [g]
7440-50-8	Copper		D	1000,7878	73,5432
7439-89-6	Iron		-	128,3011	9,4283
-	VMQ		-	64,6800	4,7530
-	PPE+PS-I		-	58,0653	4,2669
-	GF-Fibre		-	35,2097	2,5874
7439-98-7	Molybdenum		-	12,4340	0,9137
24304-00-5	Aluminum nitride (AlN)		-	12,3400	0,9068
7440-47-3	Chromium		-	11,2462	0,8264
26125-40-6	Benzene, 1,4-dichloro-, polymer with sodium sulfide (Na2S)		-	9,5306	0,7004
7440-02-0	Nickel		D	8,8578	0,6509
1317-65-3	Limestone		-	6,0300	0,4431
-	Organic phosphorus compound ISO 1043-4, not declarable		-	4,5444	0,3339
7440-21-3	Silicon		-	3,0671	0,2254
-	PTFE		-	1,1015	0,0809
7440-22-4	Silver		D	0,9093	0,0668
7439-96-5	Manganese		-	0,8406	0,0618
9009-54-5	Polyurethane		-	0,5700	0,0419
7440-44-0	Carbon		-	0,5352	0,0393
115-86-6	Triphenyl-phosphate		D	0,4225	0,0310
-	Acrylic resin		-	0,3800	0,0279
-	PAKC		-	0,2279	0,0167
7782-44-7	Oxygen		-	0,1409	0,0104
1333-86-4	Carbon black		-	0,1356	0,0100
7440-66-6	Zinc (metal)		-	0,1118	0,0082
7440-62-2	Vanadium		-	0,0759	0,0056
-	Polyimide		-	0,0598	0,0044
7723-14-0	Phosphorus		-	0,0366	0,0027
7440-31-5	Tin		-	0,0349	0,0026
7439-92-1	Lead		DP	0,0255	0,0019
7704-34-9	Sulphur		-	0,0225	0,0017
7429-90-5	Aluminium (metal)		-	0,0207	0,0015
24937-79-9	Polyvinylidene fluoride		-	0,0190	0,0014
7440-32-6	Titanium		-	0,0130	0,0010
7631-86-9	Silicon dioxide		-	0,0111	0,0008
-	Glass spheres		-	0,0097	0,0007
1308-38-9	Chromium(III)oxide		-	0,0064	0,0005
7727-37-9	Nitrogen		-	0,0043	0,0003
7440-57-5	Gold		-	0,0037	0,0003
7440-69-9	Bismuth		-	0,0025	0,0002
7440-42-8	Boron		-	0,0007	0,00005
7440-48-4	Cobalt		D	0,0001	0,00001
7440-43-9	Cadmium		DP / SVHC	0,00001	0,000001
7440-38-2	Arsenic		D	0,000002	0,0000001
7782-49-2	Selenium		D	0,000001	0,0000001
7440-36-0	Antimony		-	not detectable traces	
7782-50-5	Chlorine		-	not detectable traces	
13494-80-9	Tellurium		-	not detectable traces	

IMPORTANT INFORMATION AND WARNINGS

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