

Supplementary Information for

Transparent Colloids of Detonation Nanodiamond: Physical, Chemical and Biological Properties

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Table S1. Composition of dried DWF, depending on their age

Age, weeks	Sample	Elemental analysis, %				C/N ratio
		C	N	H	O	
0 ^a	DND	86.5	2.15	0.5	ca. 10	40.2
2-3	1	40.1	1.6	1.95	56.35	25.1
	2	67.4	2.9	3.45	26.25	23.2
	3	27.2	1.3	1.8	69.7	20.9
	4	55.0	2.8	3.2	39.0	19.6
4-5	5	34.4	2.0	1.9	61.7	17.2
	6	69.6	4.2	1.2	25.0	16.6
	7	35.0	2.4	1.5	61.1	14.6
	8	52.1	3.6	1.3	43.0	14.5
6-9	9	42.6	3.4	3.0	51.0	12.5
	10	51.2	4.8	1.3	42.7	10.7
10-12	11	10.6	2.5	2.7	84.2	4.24
	12	4.7	2.2	2.1	91.0	2.14
13-16	13	15.7	14.9	3.0	66.4	1.05
	14	2.9	6.85	2.95	87.3	0.42
	15	3.6	13.5	4.3	78.6	0.27
	16	2.65	17.8	5.3	74.25	0.15

^a Initial DND, dried at 150°C

Atomic composition of 4 samples with the smallest C/N ratio can be rationalized as:

