Supporting Information: Estimating production data for five engineered nanomaterials as a basis for exposure assessment

Christine Ogilvie-Hendren¹, Xavier Mesnard¹, Jocelyn Dröge¹, and Mark R. Wiesner^{1}*

¹ Duke University, Department of Civil and Environmental Engineering, P.O. Box 90287, Durham NC 27708-0287

*email: wiesner@duke.edu, phone: 919-660-5292, fax: 919-660-5219

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Table SI-1: Nano-TiO₂ Company Information

Source	Company	Product	Website	Other Info Sources
Robichaud et al. 2009	Altair Nano	nanoTiO ₂	www.altairnano.com	U.S. Patent Number 6974566, http://www.edgar-online.com
Robichaud et al. 2009	DuPont	several TiO ₂ products including DuPont TS-6200, fine powders that may include nanoscale TiO ₂	http://www2.dupont.com/Titanium_Technologies/en_US/index.html	http://www.sec.gov/Archives/edgar/data/30554/000104746910000954/a2196441z10-k.htm , http://money.cnn.com/magazines/fortune/global500/2006/snapshots/451.html
Web	NanoAmor	nanoTiO ₂	www.nanoamor.com	http://www.139001.net/company.asp?id=535458
Robichaud et al. 2009	NanoGram	nanoTiO ₂	-	http://www.linkedin.com/companies/nanogram-corporation
Web	Sigma Aldrich	8 nanoTiO ₂ products: 6 nanopowders, 1 dispersion and 1 paste	http://www.sigmaaldrich.com/materials-science/material-science-products.html?TablePage=16376794	email techserv@sial.com
Nanowerk	Sky Spring Nanomaterials	4 nanoTiO ₂ powders	http://www.snano.com/inventory/sdetail/316	http://www.globalspec.com/supplier/profile/SkySpringNanomaterials

Table SI-2: Nano-Ag Company Information

Source	Company	Product	Website	Other Info Sources
US EPA Nano-Ag Case Study External Review Draft	American BioTech Labs	Nanosilver solutions - wound care, supplements, etc.	http://www.americanbiotechlabs.com/	-
Web	Blue Nano Inc.	Nano silver particles 100nm	http://www.bluenanoinc.com/contact/received.html	http://www.linkedin.com/companies/blue-nano?trk=co_search_results&goback=.cps_1271784864897_1
Web	NanoAmor	Polymer coated nanopowder	www.nanoamor.com	http://www.139001.net/company.asp?id=535458
Woodrow Wilson Center PEN	NanoHorizons Inc.	SmartSilver™	www.nanohorizons.com	http://www.linkedin.com/profile?viewProfile=&key=63857163&authToken=ZvLv&authType=OUT_OF_NETWORK&locale=en_US&srchindex=3&pvs=ps&goback=.fps_*1_*1_*1_*1_*1_*1_NanoHorizons_C_Y_*1_*1_*1_false_1_R_true_N%2CG%2CI%2CED%2CFG%2CL%2CDR%2CCC%2CPC_*2
Web	NanoMas Technologies, Inc.	NanoSilver™	http://www.nanomastech.com/index.html	http://www.linkedin.com/companies/363757
EPA NMSP	Quantum Sphere	QSI-Nano silver nanopowder	http://www.qsinano.com/about.php	http://www.qsinano.com/products.php
US EPA Nano-Ag Case Study External Review Draft	Sigma Aldrich	2 silver nanopowders	www.sigmaaldrich.com	http://www.sigmaaldrich.com/catalog/Lookup.do?N5=All&N3=mode+matchpartialmax&N4=silver+nano&D7=0&D10=silver+nano&N1=S_ID&ST=RS&N25=0&F=PR
Web	Silver Nanotechnologies, Inc	NanoSilver Solutions	-	http://snti.en.ec21.com/

Table SI-3: Nano-CeO₂ Company Information

Source	Company	Product	Website	Other Info Sources
Web	Alfa Aesar	Many nanoparticles including nano-CeO ₂	http://www.alfa.com/CGI-BIN/LANSAWEB?WEBEVE NT+L018D62962C91A7003DF6081+ALF+ENG	http://www.manta.com/c/mtkh c1b/alfa-aesar
Web	American Element	4 nanoCeO ₂ particle products	http://www.americanelements.com/CMITE.htm	http://www.manta.com/c/mmcm64/american-elements-corporation
Nanowerk	Inframat Advanced Materials	Many nanoparticles including nano-CeO ₂	http://www.advancedmaterials.us/58N-0802.htm	http://www.allbusiness.com/companyprofile/Inframat_Advanced_Materials_Llc/341D2786E1E23A5BD9C28CC532952F43-1.html
Nanowerk	Meliorum Technologies	Many nanoparticles including nano-CeO ₂	http://www.meliorum.com/ceriumoxide.htm	http://www.allbusiness.com/companyprofile/Meliorum_Technologies/4F8387C9D4CCF9425FA907B1BA2A00D8-1.html
Web	Nano Oxides	4 nanoCeO ₂ particle products	http://www.nano-oxides.com/prod_cerium_oxide.html	http://www.manta.com/c/mm0b1wb/nano-oxides-inc
Nanowerk	Nanocerox	Many nanoparticles including nano-CeO ₂	http://www.nanocerox.com/product_ceria.htm	
Nanowerk	Nanophase	Many nanoparticles including nano-CeO ₂	http://www.nanophase.com/products/details.aspx?productid=4	http://investing.businessweek.com/research/stocks/financials/drawFiling.asp?formType=10-K
Nanowerk	Nanostructured and amorphous materials	3 CeO ₂ nanopowders	http://www.nanoamor.com/_nanoparticles	http://www.139001.net/company.asp?id=535458
Web	nGimat	Many nanoparticles including nano-CeO ₂	http://www.ngimat.com/nanotech/productlist.html	http://www.linkedin.com/companies/ngimat
Web	Saint Gobain	CeO ₂ nanopowder	http://www.saint-gobain.com	http://www.manta.com/c/mmsnd5l/saint-gobain-performance-plastics-corporation
Web	Sigma-aldrich	Many nanoparticles including nano-CeO ₂	http://www.sigmaaldrich.com	http://www.sigmaaldrich.com/catalog/ProductDetail.do?lang=en&N4=643009 ALDRICH&N5=SEARCH_CONCAT_PNO BRAND_KEY&F=SPEC
Nanowerk	SkySpring Nanomaterials	Many nanoparticles including nano-CeO ₂	http://www.ssnano.com/inc/sdetail/316	http://www.globalspec.com/supplier/profile/SkySpringNanomaterials
Web	Stanford materials	1 cerium oxide powder product	http://www.stanfordmaterials.com/nano.html	http://www.vacuum-guide.com/vacuum_coating/sputtering/usa_sputtering_target.htm
Web	Strem chemicals	1 cerium oxide powder product	http://www.strem.com/catalog/v/58-1400/44/	http://www.manta.com/c/mmb5b35/strem-chemical , http://www.azonano.com/Details.asp?ArticleID=1946

Table SI-4: CNT Company Information

Source	Company	Product	Website	Other Info Sources
Web	Alfa Aesar	11 types of nanotubes	http://www.alfa.com/en/GP140W.pgm	http://www.manta.com/c/mtkhc1b/alfa-aesar
Web	American elements	4 types of CNTs, some single, some double, and some multi-walled	http://www.americanelements.com/nanotech.htm	http://www.manta.com/c/mcm64/american-elements-corporation
Nanowerk	Carbon solutions, Inc	7 SWCNT products at various purities and solubilities	http://www.carbonsolutions.com/	http://www.manta.com/c/m2jknd/carbon-solutions-inc
Web	Catalytic materials LLC	1 grade of MWCNTs	http://www.catalyticmaterials.com/	http://www.azonano.com/Suppliers.asp?SupplierID=674 , http://www.catalyticmaterials.com/patentportfolio.html
Web	Cnano Technology	Single, double, and multi-walled CNTs	http://www.cnanotechnology.com/en/pro.html	http://www.pangaeaventures.com/news/41-cnano-technology-commissions-worlds-largest-carbon-nanotube-manufacturing-plant-with-a-capacity-of-500-tons-per-year
Nanowerk	Helix Material Solutions	2 types of SWCNTs, 1 DWCNT, and 3 types of MWCNTs	http://www.helixmaterial.com/product.html	-
Web	Hyperion Catalysis	Hyperion FIBRIL MWCNTs	http://www.hyperioncatalysis.com/emerging2.htm	http://www.manta.com/c/m3ht3h/hyperion-catalysis-intl , http://investing.businessweek.com/research/stocks/private/snapshot.asp?privcapId=29658
Nanowerk	Mer Corporation	Various single, double, and multi-walled CNTs	http://www.mercorp.com/products2.htm	http://www.linkedin.com/companies/mer-corporation ,
Nanowerk	MicroTech Nano	Various single, double, and multi-walled CNTs	http://www.microtechnano.com/	-
Nanowerk	Nano-C	SWCNTs in two purity grades	http://nano-c.com/nanoprod.html	http://www.spoke.com/info/c5ZZAgj/Nano-CInc
Nanowerk	Nanocs, Inc.	SWCNTs and MWCNTs with a variety of diameters	http://www.nanocs.com/nanotube.htm	http://dnb.powerprofiles.com/profile/931146919/NANOCS+INTERNATIONAL,+INC-MALDEN-MA
Nanowerk	NanoLab, Inc	6 varieties of single, double and multi-walled CNTs	http://www.nano-lab.com/swnt-apj-a.html	http://www.manta.com/c/mmgjkw/nanolab-inc
Nanowerk	Nanostructured & Amorphous Materials, Inc	Over 70 varieties of carbon nanotubes	http://www.nanoamor.com/inc/pdetail?v=1&pid=602	http://www.139001.net/company.asp?id=535458
Web	NanoTechLabs	MWNTs with a variety of diameters	http://www.nanotechlabs.com/pages/products/nanotubes.html	http://www.manta.com/c/mtbzf4y/nanotechlabs-inc
Nanowerk	SES Research	8 types of MWCNTs, 2 types of SWCNTs, and 1 type of DWCNT	http://sesres.com/Nanotubes.asp	http://www.manta.com/c/m6h4zs/ses-research
Nanowerk	Skyspring nanomaterials	8 types of single and multiwalled CNTs and many functionalized CNTs	http://www.ssnano.com/inc/sdetail/869	http://www.globalspec.com/supplier/profile/SkySpringNanomaterials
Nanowerk	SouthWest Nanotechnologies	4 types of SWCNT products and 1 specialty MWCNT product	http://www.swentnano.com/	http://www.crunchbase.com/company/southwest-nanotechnologies , http://www.linkedin.com/companies/southwest-nanotechnologies-inc
Nanowerk	Unidym, now merged with CNI	3 purity grades of SWCNTs	http://www.unidym.com/products/materials.html	http://www.hoovers.com/company/Unidym_Inc/rfjfy1.html
Web	Xintek, Inc, or "Applied Nanotechnologies"	"Few-wall" carbon nanotubes, DWCNTs and MWCNTs	http://www.xintek.com/products/materials/index.htm	http://www.manta.com/c/m8z7g0/applied-nanotechnologies-inc

Table SI-5: Fullerenes (Mainly C60) Company Information

Source	Company	Product	Website	Other Info Sources
Web	Jen Laur	Several fullerene products	http://www.jenlaur ltd.com/	-
Nanowerk	Nano-C	Several fullerene products	http://nano-c.com/fullereneprod.html	http://www.spoke.com/info/c5ZZAgi/Nano-CInc
Nanowerk	Materials Technologies Research (MTR) Ltd	6 C60 Products, 3 C70	http://www.mtr-ltd.com/PriceList.htm	http://www.linkedin.com/companies/mtr-ltd
Nanowerk	Mer Corporation	2 grades of C60 products, 2 grades of C70 products, several specialty fullerenes	http://www.mercorp.com/products1.htm	http://www.linkedin.com/companies/mer-corporation ,
Nanowerk	SES Research	3 grades of C60 products, 2 grades of C70 products, 3 grades of C84	http://sesres.com/FullerenePrices.asp?	http://www.manta.com/c/mm6h4zs/ses-research
Nanowerk	TDA America (Frontier Carbon Corporation America)	1 pure C60 product, 1 fullerene mix product, 1 carbon black product	http://www.tda.com/Products/products.htm	http://www.nanotechwire.com/news.asp?nid=1770

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