

Science Advisory Board Meeting Materials

SEPTEMBER 23, 2021

For the September SAB Meeting, all the references from the LibGuide have been compiled into a sortable excel spreadsheet. This draft matrix includes information about the physical characteristics mentioned in the studies and the main endpoint(s) evaluated. The matrix also includes a separate sheet with a link to the three GreenScreens on nanomaterials: single-walled carbon nanotubes (SWCNT), multi-walled carbon nanotubes (MWCNT), and carbon nanofibers (CNF).

- Each GreenScreen will be publicly accessible through the ToxServices ToxFMD® Online Screen Library: <https://database.toxservices.com/>
- Select “Sign up here” to create a free account
- Log in and search for chemicals by chemical name, or functional class.
- **The CARBON NANOFIBERS assessment is not currently available**

You may access the GreenScreen results and report through the ToxFMD Library by entering the name exactly as written below:

Multi-walled-carbon-nanotubes(MWCNTs)

Single-walled-Carbon-nanotubes(SWCNTs)

You may also access these chemicals by clicking on the “Select Chemicals By Functional Class” drop-down menu in the upper right side of the screen, select “Publicly Accessible GreenScreens”, and scroll down to the bottom of the list to select either profile (see screenshot):

Multi-walled-carbo	Multi-walled-carbon-nanotubes(MWCNTs)	Publicly Accessible GreenScreens; Other (Nanomaterial used to improve mechanical strength of composite materials)
Sherwin-Williams V	Sherwin-Williams V70Q11AA Fully Cured Thermoset Polymer	Publicly Accessible GreenScreens; Polymer
Single-walled-Carb	Single-walled-Carbon-nanotubes(SWCNTs)	Publicly Accessible GreenScreens; Other (Nanomaterial used to improve mechanical strength of composite materials)

In either method of accessing the profile, once clicking on “Full GreenScreen Report,” (see screenshot below), if the report fails to load into your browser window, try adjusting the “zoom” of the browser window and that should load the report.

GreenScreen® Benchmark Score:

 Full GreenScreen® Report

Chemical Name	Functional Class / Usage
Multi-walled-carbon-nanotubes(MWCNTs) -	Publicly Accessible GreenScreens; Other (Nanomaterial used to improve mechanical s

The CARBON NANOFIBERS GreenScreen is not currently publicly available on the ToxServices Library, we have contacted them and it should be up soon. All three of the GreenScreen assessments will also be available on the Interstate Chemicals Clearing House (IC2) Chemical Hazard Assessment Database: <https://theic2.org/hazard-assessment#gsc.tab=0>