U.S. Consumer Product Safety Commission

LOG OF MEETING

SUBJECT: ANSI Nanotechnology Standards Panel Workshop on Advanced Materials

DATE OF MEETING: August 19-20, 2020

PLACE OF MEETING: Teleconference

LOG ENTRY SOURCE: Joanna Matheson (HSTR)

COMMISSION ATTENDEES: Treye Thomas (EXHR), Joanna Matheson (HSTR)

NON-COMMISSION ATTENDEES: Contact ANSI for a complete list.

SUMMARY OF MEETING:

The ANSI Nanotechnology Standards Panel (NSP) hosted, virtually, a two-day workshop on Advanced Materials.

The goals of the workshop were to discuss: (1) should existing nanotechnology standards bodies address advanced and emerging materials; and, (2) how to better identify gaps and needs relative to advanced and emerging material standards, and how to prioritize topic areas.

A series of panels consisting of speakers from the federal government, industry, academia, NGOs, and international organizations (*e.g*., OECD, European Commission) provided perspectives on what they defined as advanced and emerging materials and technologies. Representatives from the standards development organizations ASTM (ASTM E56 subcommittee, nanotechnologies) and ISO (ISO TC/229, nanotechnologies) addressed the opportunities and challenges relative to standards for advanced and emerging materials.

Speakers indicated the need for standards, particularly for taxonomy, metrology, processes, design and material specifications. The lack of standards has resulted in a lack of consistency. Furthermore, participants spoke of the need of a definition (*e.g*.,

that the materials are defined by performance or properties rather than size), including potentially referring to the materials and technologies as “emerging” instead of “advanced” in order to differentiate from additive manufacturing, which uses the term advanced.

A meeting summary based on the presentations, discussions and outcomes of the workshop is in preparation by the ANSI NSP.