United States
Consumer Product Safety Commission

MEETING LOG

MEETING TITLE/SUBJECT: ASTM F15.45 Candle Task Groups

OP PLAN ENTRY: Candles and Candle Accessories

DATE OF MEETING: September 20 and 21, 2023

LOCATION OF MEETING: Columbus, OH

CPSC STAFF FILING MEETING LOG: Scott Ayers, September 27, 2023

CPSC STAFF ATTENDEE(S): Scott Ayers (ESEF) and Chen Su (ESEF, virtual)

NON-CPSC ATTENDEE(S): Contact ASTM for a complete list of attendees.

Summary of Meeting:

Contact ASTM for more details of this meeting. This was an annual meeting of the ASTM F15.45 working task groups. All participants participated in meetings and discussions from the candle fire safety, labeling, glass, emission, and candle making kit task groups.

Wednesday 9/20/2023

The group discussed the wick migration requirements added to ASTM F2417. A manufacturer has developed a new wick that splits in two while burning and is concerned that it violates the wick migration requirement. The group agreed that a wick that splits in two should not fail the requirement. Staff suggested defining “multiple wick candles” to ensure that a wick that splits in two is not considered a “multiple wick candle.” Staff worked with another member to develop this definition, which was accepted by the group and will be include in the next ballot to ASTM F2417:
Multiple wick (multi-wick) candle, n – a candle container more than one wick, with each wick having an individual flame.

The container coating working group reported on their findings. Their testing concluded no testing is required for interior coatings and external coatings on glass containers. The working group proposed clarifying definitions and test procedures in ASTM F2417. The group accepted the proposal, and the changes will be included on the next ballot to ASTM F2417.

The embeds working group reported on their findings. The working group developed an initial draft to a test standard to determine if embeds pose a secondary ignition risk and should be further evaluated. Staff proposed the same testing requirements for embeds that pose a secondary ignition risk as with coatings, which would require 24 tests to ensure safety. The group accepted the staff’s proposal. The working group will propose language to be included in the next ballot to ASTM F2417.

The porous versus non-porous working group reported on their progress. The group has developed good information but is not ready to make recommendations to ASTM F2417. The next ballot to ASTM F2417 may not include any changes proposed by this working group.

Thursday 9/21/2023

The emissions task group chair updated the group. The chair has developed a new test apparatus that includes visible emissions analyzers and provisions for other emissions analyzers. The chair solicited volunteers for a working group to develop a test procedure for the apparatus. Staff volunteered to participate.

CPSC staff and the National Candle Association Safety and Risk Group Chair discussed indoor air quality associated with other products. The group will continue to monitor indoor air quality issues.

The group reviewed proposed changes to the candle accessories standard, ASTM F2601. CPSC staff previously proposed a definition of “deform” which was accepted by the group. CPSC staff supported other proposed changes to the standard, including clarifying comments on changes to single and multiple candle holders.

The group discussed candle labeling. The candle labeling task group chair did not have any new information to share with the group. Several group members were interested in discussing new labeling requirements for not moving a burning candle and not pouring water on a burning candle. The candle labeling task group chair will organize a labeling meeting, probably in January 2024.

There were no updates from the candle glass task group.

The group reviewed the watchlist.

The group discussed one new business item; candle shrink wrapping. Shrink wrap can hide glass integrity issues. A consumer may burn a container candle with a glass integrity issue which could lead to safety issues. The group will continue to discuss this issue in the future.

Next Steps:

The next task groups face-to-face meetings will be on September 18 and 19, 2024 in Columbus, OH. Task groups will meet virtually as needed before September 2024.