



MEETING LOG

SUBJECT: UL 8400 Biocompatibility Task Group Meeting on Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR) Technology Equipment

OP PLAN ENTRY: Wearable Technology

DATE OF MEETING: 5/20/2026

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Stephen Harsanyi (ESHF)

FILING DATE: 5/26/2026

CPSC ATTENDEE(S): Bradley Gordon (ESMC), Jacqueline Campbell (EXRR), and Stephen Harsanyi (ESHF)

NON-CPSC ATTENDEE(S): Contact ULSE for the full attendee list.

Summary of Meeting:

The Biocompatibility Task Group (TG) for ULSE Technical Committee (TC) 8400 on Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR) Technology Equipment (“immersive technologies”) convened to discuss the results of a preliminary review to update the biocompatibility requirements specified in UL 8400. The following is a brief recap of the more substantive points discussed during the meeting:

- CPSC staff opined that the standard should address the risk of harm associated with volatile organic compounds from off gassing. Another attendee opined that the risk of harm is low and did not want to address it in the standard. CPSC staff and multiple other attendees argued that the hazard is significant, and the risk is worth addressing in the standard. The full TC will determine the path forward through the next ballot.
- The group discussed what cleaning methods and agents should be addressed in testing and requirements for skin compatibility. Two attendees opined against stating that reasonably foreseeable cleaning methods and agents need to be addressed in risk assessments for skin compatibility. One attendee requested that the testing requirements should be limited to what the manufacturer recommends for cleaning methods and agents. CPSC staff explained that it is important to address cleaning methods and agents that consumers are likely to use, such as cleaning with alcohol wipes, regardless of what the manufacturer tells them. CPSC staff recommended that the TG determine what they consider to be reasonably foreseeable. Several other attendees agreed with CPSC staff. The TG plans to discuss this further.

The TG did not review the majority of the proposed changes to the standard. Instead, they determined that the remaining contentious items should be passed on to the full TC to ballot.

Next Steps:

The TG plans to continue discussions about requirements for cleaning methods and agents and to ballot the next draft of UL 8400 in the near future.