

Consumer Product Safety Commission

§ 1611.4

Subpart B—Rules and Regulations

- 1611.31 Terms defined.
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SOURCE: 40 FR 59898, Dec. 30, 1975, unless otherwise noted.

CODIFICATION NOTE: Part 1611 is a codification of the previously unpublished flammability standard for vinyl plastic film which was derived from part of the requirements of Commercial Standard 192-53, issued by the Department of Commerce, effective on May 22, 1953. This flammability standard became mandatory through section 4(a) of the Flammable Fabrics Act, as amended in 1954, and remains in effect due to the savings clause (section 11) of Public Law 90-189. Paragraph 3.11 of the Commercial Standard, referred to in the 1954 act, has been codified as §1611.3 16 CFR part 1609 contains the text of the Flammable Fabrics Act of 1953, as amended in 1954.

Subpart A—The Standard

AUTHORITY: Sec. 4, Pub. L. 83-88, 67 Stat. 112, as amended, 68 Stat. 770 (15 U.S.C. 1193); sec. 11, Pub. L. 90-189, 81 Stat. 568.

§ 1611.1 Purpose and scope.

The purpose of this standard is to promulgate a minimum standard for flammability of vinyl plastic film which are subject to the requirements of the Flammable Fabrics Act.

§ 1611.2 General description of products covered.

The material covered is nonrigid, unsupported, vinyl plastic film, including transparent, translucent, and opaque material, whether plain, embossed, molded or otherwise surface treated.^a

^aRefer to sections 2 and 4 of the Flammable Fabrics Act of 1953, as amended in 1954, set out at 16 CFR part 1609 for the scope of this standard. The vinyl plastic film covered by Commercial Standard 192-53, as pro-

§ 1611.3 Flammability—general requirement.

The rate of burning shall not exceed 1.2 in./sec as judged by the average of five determinations lengthwise and five determinations transverse to the direction of processing, when the material is tested with the SPI flammability tester in accordance with the method described in §1611.4.

§ 1611.4 Flammability test.

(a) *Apparatus and materials.* The apparatus shall be constructed essentially as shown in figure 1 and shall consist of the following:

(1) *Specimen holder.* (i) A removable, flat, specimen-holding rack, the upper and lower sections of which are separate, shall have the shape and dimensions shown in figure 2 (sketch of sample-holding rack). The specimen is supported by tight closure of the upper and lower sections around the sides of the specimen. The center section of the rack contains an open U-shaped area in which burning of the specimen takes place. At the open end of the rack the forked sides are at an angle of 45° for the last inch. Thus, when the rack is slid into the cabinet on runners mounted at a 45° angle, the bent portion of the specimen adjacent to the igniter flame is vertical and the remainder is at 45°.

(ii) The switch actuators consist of suitable springs mounted on the side of the rack, one just beyond the curved portion at the open end, and the other at the closed end of the U-shaped holder. The springs are depressed and held in position prior to ignition by means of cotton thread suitably wound across the specimen and securely attached to the rack. As flame reaches these threads, the springs are released, thus activating the microswitches of the stop clocks.

(2) *Igniter flame.* The igniter flame shall be produced at the tip of a No. 22

mulgated by the Secretary of Commerce was vinyl plastic film 10 mils and less in thickness (see §1.3 of the voluntary standard). After CS 191-53 and CS 192-53 were made mandatory by section 4 of the act, the Federal Trade Commission clarified the scope of the standards in rules and regulations now found at §§1611.31(i) and 1611.33(b) (formerly 16 CFR 302.1(a)(9) and 302.3(b)).