

FS 170-15 and FS 171-15 Supporting Publications

- Ahrens, M. (2011): *Home Structure Fires*, National Fire Protection Association, Quincy, MA.
- ASTM (2012): *Standard Test Method for Surface Burning Characteristics of Building Materials (ASTM E84 – 12a)*, ASTM International, West Conshohocken, PA.
- Babrauskas, V. (1996): Wall insulation products: full-scale tests versus evaluation from bench-scale toxic potency data, in *Interflam 1996*, Interscience Communications, London, pp. 257-274.
- Babrauskas, V. et al (1997): Testing for surface spread of flame: new tests to come into use. *Building Standards*, **66**(2), 13-18.
- Babrauskas, V. (2003): *Ignition Handbook*, Fire Science Publ. and Society of Fire Science Engineers, Issaquah, WA.
- Babrauskas, V. et al. (2012): Flame retardants in building insulation: a case for re-evaluating building codes. *Building Research and Information*, 40:6, 738 – 755.
- Bates, M.N. (2007): Registry-based case-control study of cancer in California firefighters. *American Journal of Industrial Medicine*, **344**, 339-344.
- Birnbaum, I. S. et al. (2003): Health effects of polybrominated dibenzo-*p*-dioxins (PBDDs) and dibenzofurans (PBDFs). *Environment International*, **29**(6) 855-860.
- Castino, T.G. et al (1975): *Flammability Studies of Cellular Plastics and Other Building Materials Used for Interior Finishes*. Subject No. 723, Underwriters Laboratories, Northbrook, IL.
- Choi, K.K. and Taylor, W. (1984): Combustibility of insulation in cavity walls. *Journal of Fire Sciences*, **2**(3), 179-188.
- Desmet, K. et al (2005): Determination of bromophenols as dioxin precursors in combustion gases of fire retarded extruded polystyrene by sorptive sampling-capillary gas chromatography-mass spectrometry. *Journal of Chromatography A*, **1071**(1-2), 125-129.
- Dillon, S.E. (1998): *Analysis of the ISO 9705 Room/Corner Test: Simulations, Correlations and Heat Flux Measurements (NIST-GCR-98-756)*, National Institute of Standards and Technology, Gaithersburg, MD.
- D'Sousa, M.V. et al (1981): Performance of protective linings for polystyrene insulation in a corner wall test. *Fire Technology*, **17**(2), 85-97.
- Ebert, J. and Bahadir, M. (2003): Formation of PBDD/F from flame-retarded plastic materials under thermal stress. *Environment International*, **29**(6), 711-716.

- Factory Mutual (1974): *Foamed Polystyrene for Construction (Data Sheet 1-58)*, Factory Mutual, Norwood, MA.
- Factory Mutual (1978): *Foamed Polystyrene for Construction (Data Sheet 1-58), Revision*, Factory Mutual, Norwood, MA.
- Hsu, J.F. et al (2011): An occupational exposure assessment of polychlorinated dibenzo-*p*-dioxin and dibenzofurans in firefighters. *Chemosphere*, **83**(10), 1353-1359.
- Lee, B.T. (1985): Standard room fire test development at the National Bureau of Standards, in *Fire Safety: Science and Engineering (ASTM STP 882)*, ASTM, Philadelphia, PA, pp. 29-44.
- LeMasters, G.K. et al (2006): Cancer risk among firefighters: a review and meta-analysis of 32 studies. *Journal of Occupational and Environmental Medicine/American College of Occupational and Environmental Medicine*, **48**(11), 1189-1202.
- Mehaffey, J.R. et al (1994): A Model for predicting heat transfer through gypsum-board/wood-stud walls exposed to fire. *Fire and Materials*, **18**(5), 297-305.
- Molyneux, S. et al. (2013): The effect of gas phase flame retardants on fire effluent toxicity. *Polymer Degradation and Stability*.
- National Fire Protection Association (NFPA) (2009): *Standard method of fire tests for the evaluation of thermal barriers (NFPA 275)*, NFPA, Quincy, MA.
- Posner, S. et al (2010): *Exploration of Management Options for HBCD*, Swerea IVF, Mölndal, Sweden.
- Rose, A. (1971): *Flammability of lining and insulating materials (Canadian Building Digest DBD-141)*, National Research Council of Canada, Ottawa, ON.
- Rose, A. (1975): *Fire testing of rigid cellular plastics (IR-422)*, National Research Council of Canada, Ottawa, ON.
- Van den Berg, M. et al. (2006) The 2005 World Health Organization reevaluation of human and mammalian toxic equivalency factors for dioxins and dioxin-like compounds. *Toxicological Sciences*, **93**(2), 223-241.
- Weber, R. and Kuch, B. (2003): Relevance of BFRs and thermal conditions on the formation pathways of brominated and brominated-chlorinated dibenzodioxins and dibenzofurans. *Environment International*, **29**(6), 699-710.
- Williamson, R.B. and Baron, F.M. (1973): A corner fire test to simulate residential fires. *Journal of Fire and Flammability*, **4**, 99-105.

World Health Organization (WHO) (1998): *Polybrominated Dibenzo-p-dioxins and Dibenzofurans (EHC 205)*, WHO, Geneva.

Zicherman, J.B. and Eliahu, A. (1998): Finish ratings of gypsum wallboards. *Fire Technology*, **34**, 356-362.