

## References and Further Reading

**Andersson P, Simonson M, Rosell L, Blomqvist P, Stripple H. (2003):**

Fire-LCA Model: Furniture Study. . SP Swedish Testing Institute, Boras;  
Report 2003:22. pp.

**Anonymous (2005):**

Decabromodiphenylether: An Investigation of Non-Halogen Substitutes in  
Electronic Enclosure and Textile Applications. . Lowell Center for  
Sustainable Production University of Massachusetts Lowell. pp. 1-69

**Ash M, Ash I (1997):**

The Index of Flame Retardants. . GOWER publishers. pp. 1-303

**Babrauskas V, Harris R, Gann R, Levin B, Lee B, Peacock R, Paabo M, Twilley  
W, Yoklavich M, Clark H. (1988):**

Fire Hazard Comparison of Fire-Retarded and Non-Fire-Retarded Products.  
Fire Retardant Chemicals Association. Fire Measurement and Research  
Division. pp. 1-85

**Babrauskas V, Simonson M (2007):**

Fire behaviour of plastic parts in electrical appliances - standards versus  
required fire safety objectives. . Fire and Materials, Vol. 31. pp. 83-96

**Barontini F, Cozzani V (2006):**

Formation of hydrogen bromide and organobrominated compounds in the  
thermal degradation of electronic boards. . J. Anal. Appl. Pyrolysis. pp. 41-  
55

**Barontini F, Marsanich K, Petarca L, Cozzani V (2005):**

Thermal Degradation and Decomposition Products of Electric Boards  
Containing BFRs. . Ind. Eng. Chem. Res., Vol. 22. pp. 4186-4199

**Bate R. (1997):**

What Risk? Science, Politics & Public Health. . Butterworth/Heinemann. pp.  
1-327

**Beard A (2002):**

Flammschutzmittel in der Diskussion - Verbraucherschutz, Brandsicherheit  
und Umweltschutz. . GDCh Mitteilungen Fachgr. Umweltchemie. pp. Nr. 1,  
6-8

**Beard A (2000):**

The language of politics. . Routledge publishers. pp. 1-97

**Beard A (2004):**

Flammschutzmittel in der Umweltdiskussion- Gesetzgebung, Trends und  
Risikobeurteilung. . FaPU - Fachmagazin für die Polyuretanindustrie. pp.  
47-51

**Blomqvist P. (2005):**

Emissions from Fires - Consequences for Human Safety and the  
Environment. . Department of Fire Safety Engineering, Lund Institute of  
Technology, Sweden. pp. 1-105

## References and Further Reading

**Bodar C.W.M., Berthault F., de Bruijn J.H.M., van Leeuwen C.J., Pronk M.E.J., Vermeire T.G. (2003):**

Evaluation of EU risk assessments existing chemicals (EC Regulation 793/93). . Chemosphere, Vol. 53. pp. 1039-1047

**Bourbigot S, Flambard X (2002):**

Heat Resistance and Flammability of High Performance Fibres: A Review. Laboratoire de Génie et Matériaux Textiles. Fire and Materials. pp. 155-168

**Bromine Science and Environmental Forum (2002):**

Bromine: Frequently Asked Questions. BSEF. www.BSEF.com. pp. 1-28

**Brushlinski N, Sokolov S, Wagner P (2000):**

World fire statistics at the end of 20th century. . Brennpunkt Edition. pp. 1-221

**Brusselaers J, Mark F, Tange L. (2006):**

Using Metal-Rich WEEE Plastics as Feedstock/Fuel Substitute for an integrated Metals Smelter. . Umicore, Plastics Europe and EFRA. pp. 6-18

**Bürgi D (2002):**

Organophosphate in der Innenraumluft. . Friedli Geotechnik AG, für Bundesgesundheitsamt Schweiz. pp. 1-76

**Covaci A, Gerecke A, Law R, Voorspoels S, Kohler M. Heeb N, Leslie H, Allchin C, De Boer J. (2006):**

Hexabromocyclododecanes (HBCDs) in the Environment and Humans: A Review. . Environmental Science & Technology, Vol. 40, No.12. pp. 3679-3688

**Danish Electricity Council (2003):**

Final report on the project "TV Fires 2001". . Danish Electricity Council LVD-ADCO. pp. 1-13

**Danish Environmental Protection Agency (2001):**

Action Plan for Brominated Flame Retardants. . Ministry of Environment and Energy. pp. 3-55

**de Wit C (2002):**

An overview of brominated flame retardants in the environment. . Chemosphere. pp. 583-624

**Deutscher Feuerwehr Verband (2006):**

Feuerwehr Jahrbuch - One World, one Family  
Die Feuerwehren. . DFV Medien GmbH. pp. 1-289

**Diaz L C (2005):**

Impact of Electrical and Electronic Equipment Recycling Legislation on the Western European Plastics Markets. . Frost & Sullivan, www.frost.com, #B515-39. pp. 1-117

## References and Further Reading

**Dietz M, Hörold S, Nass B, Schacker O, Schmitt E, Wanzke W. (2004):**

New environmentally friendly Phosphorus based Flame Retardants for Printed Circuit Boards as well as Polyamides and Polyesters in E&E Applications. Fraunhofer IZM. Electronics Goes Green 2004. pp. 771-776

**Dodder N, Strandberg B, Hites R (2002):**

Concentrations and Spatial Variations of Polybrominated Diphenyl Ethers and Several Organochlorine Compounds in Fishes from the Northeastern United States. American Chemical Society. Environmental Science & Technology, Vol. 36, No. 2. pp. 146-151

**Dolley P (2004):**

Flame Retardants and the EU Ecolabel - A report produced for the Department for Environment, Food and Rural Affairs - the UK Ecolabelling Competent Body. . AEA Technology Environment. pp. 1-30

**DTI (1999):**

A Guide to the Furniture and Furnishings (Fire Safety) Regulations. . Department for Trade and Industry. pp. 1-30

**ECOSA (2001):**

Priorities for consumer safety in the EU - Agenda for Action. . European Consumer Safety Association. pp. 48

**European Union (2003):**

Directive 2002/96/EC of the European Parliament and of the Council on waste electrical and electronic equipment (WEEE). . Official Journal of the European Union. pp. L37/24-38

**European Union (1967):**

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substance. . Official Journal P 196. pp. 0001 - 0098

**European Union (2003):**

Directive 2003/11/EC of the European Parliament and of the council of 6 February 2003 amending for the 24th time Council directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations.. . Official Journal of the European Union. pp. 42-45

**European Union (2003):**

Directive 2002/95/EC of the European Parliament and of the council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. . Official Journal of the European Union. pp. L37/19-23

**Gearhart J, Posselt H. (2006):**

Toxic at any speed - Chemicals in cars and the need for safe alternatives. . The Ecology Center. pp. 1-25

## References and Further Reading

**Grand F, Wilkie C (2000):**

Fire Retardancy of Polymeric Materials. . Marcel Dekker. pp. 1-567

**Grayson S, Van Hees P, Vercellotti U, Breulet H, Green A (2000):**

Fire Performance of Electric Cables (EU FIPEC project) - New test methods and measurement techniques. . . pp. 1-391

**Gunja M, Wayne G, Landman A, Connolly G, McGuire A (2002):**

The case for fire safe cigarettes made through industry documents. . Tobacco Control. pp. 346-353

**Hartmann P, Bürgi D, Giger W. (2004):**

Organophosphate flame retardants and plasticizers in indoor air. . Chemosphere Vol, 57. pp. 781-787

**Hieber M, Hornberger M, (2003):**

Handlungshilfen für Kommunen zur Elektro- und Elektronik-Altgeräteentsorgung. . Informationsbroschüre Fraunhofer Institut Produktionstechnik und Automatisierung. pp.

**Hietaniemi J, Mangs J, Hakkarainen T (2002):**

Fires originating from electric household appliances: An experimental and simulation study. . Interflam 2001 Conference. pp.

**Hilado C (1998):**

Flammability Handbook for Plastics. . Technomic Publishing Inc.. pp. 1-315

**Hofmann A, Knaust C, Beard A. (2006):**

Modelling fire scenarios in residential buildings with respect to the benefit of smoke detectors and flame retardants. . Flame Retardants 2006 Conference. Interscience.. pp. 195-215

**Horrocks A, Price D (2001):**

Fire retardant materials. . CRC Press. pp. 1-425

**Ikonomou M, Rayne S, Addison R (2002):**

Exponential increases of the brominated flame retardants Polybrominated diphenyl ethers, in the Canadian Arctic from 1981 to 2000. . Environmental Science & Technology, Vol. 36, No. 9. pp. 1886-1892

**Kemmlin S, Hahn O, Jann O (2003):**

Emission of Flame Retardants from Consumer Products and Building Materials.. . Reihe Texte 55/2003 Umweltbundesamt, Berlin, Germany. pp. 188

**Kemmlin S, Hahn O, Jann O. (2003):**

Emissions of organophosphate and brominated flame retardants from selected consumer products and building materials. . Atmospheric Environment Elsevier Science Ltd.. pp. 1-9

**Lassen C. Havelund S, Leisewitz A, Maxson P. (2006):**

Deca-BDE and Alternatives in Electrical and Electronic Equipment. . Danish Ministry of the Environment. pp. 5-81

## References and Further Reading

**Law R, Kohler M, Heeb N, Gerecke A, Schmid P, Woorspoels S, Covaci A, Becher G, Janak K, Thomsen C. (2005):**

Hexabromocyclododecane Challenges Scientists and Regulators. .  
Environmental Science & Technology July 1,2005. pp. 281A287A

**Leisewitz A, Kruse H, Schramm E (2000):**

Substituting Environmentally Relevant Flame Retardants: Assessment  
Fundamentals (English summary volume). . Report UBA-FB 000171/1  
Umweltbundesamt, Berlin, Germany. pp. 1-205

**Lemieux P Lutes C, Abbott J, Aldous K (2000):**

Emissions of Polychlorinated Dibenzo-p-dioxins and polychlorinated  
Dibenzofurans from the Open Burning of Household Waste in Barrels. .  
Environmental Science & Technology, Vol. 34. pp.

**Levchik S V, Weil E. (2006):**

A Review of Recent Progress in Phosphorus-based Flame Retardants. .  
Fire Sciences. pp. 345-364

**Manchester-Neesvig J, Walters K, Sonzogni W (2001):**

Comparison of Polybrominated Diphenyl Ethers (PBDEs) and  
Polychlorinated Biphenyls (PCBs) in Lake Michigan Salmonids. .  
Environmental Science & Technology, Vol. 35, No. 6. pp. 1072-1077

**Mark F (2002):**

Verwerten von Altkunststoffen aus E+E Auswirkungen und Folgen der  
neuen europäischen Elektro-/Elektronikschrrottverordnung. . KU  
Kunststoffe. pp. 22-27

**Mark F. Dresch H, Bergfeldt B, Dima B, Grüttner W, Klepmann F, Kramer K,  
Lehner T, Vehlown J. (2006):**

Mitverbrennung von Reststoffen aus der Verwertung von Elektro- und  
Elektronik-Geräten im MHKW Würzburg 2004. . Müll und Abfall 1/06. pp.  
27-34

**Marklund A, Andersson B, Haglund P. (2005):**

Organophosphorus Flame Retardants and Plasticizers in Swedish Sewage  
Treatment Plants. . Environmental Science & Technology, Vol. 39, No. 19.  
pp. 7423-7429

**Marzi T, Beard A (2006):**

The ecological footprint of flame retardants over their life cycle- A case  
study on the environmental profile of new phosphorus based flame  
retardants. . Flame Retardants 2006 Conference. Interscience.. pp. 21-30

**Mehran A, Wenning R (2002):**

The significance of brominated flame retardants in the environment: current  
understanding, issues and challenges. . Chemosphere. pp. 579-582

**Ministry of the Environment (1999):**

Norway`s action plan for hazardous substances. . Ministry of the  
Environment, Norway. pp. 2-23

## References and Further Reading

**Morf L, Taverna R, Daxbeck H, Smutny R (2002):**

Umweltgefährdende Stoffe - Ausgewählte polybromierte Flammschutzmittel.  
Bundesamt für Umwelt, Wald und Landschaft BUWAL, Switzerland.  
Schriftenreihe Umwelt Nr. 338. pp. 11-19

**National Research Council (2000):**

Toxicological Risks of Selected Flame-Retardant Chemicals. . National  
Academy Press. pp. 1-499

**Pardemann J, Salthammer T, Uhde E, Wensing M (2000):**

Flame retardants in the indoor environment, Part 1: Specification of the  
problem and results of screening tests.. . Gesellschaft für Umweltschutz  
TÜV Nord mbH. pp. 125-130

**Poortere De M, Schonbach C, Simonson M (1999):**

The fire safety of TV set enclosure materials, A survey of European  
Statistics. . Fire and Materials 24. pp. 53-60

**Sagunski H, Roßkamp E (2002):**

Richtwerte für die Innenraumluft: Tris (2-chlorethyl)phosphat. .  
Bundesgesundheitsblatt, Vol. 45. pp. 300-306

**Salthammer T, Fuhrmann F, Uhde E (2002):**

Flame Retardants in the Indoor Environment - Part II: Release of VOCs  
from Polyurethane. Fraunhofer Institut für Holzforschung WKL. Indoor Air.  
pp. 1-9

**Salthammer T, Wensing M (2002):**

Flame retardants in the indoor environment Part IV, Classification of  
experimental data from house dust, indoor air and chamber tests. . Indoor  
Air 2002 Conference, Monterey, California, Vol. 2. pp. 213-218

**Scharnhorst W. (2006):**

Thermal End-Of-Life Treatment Of Printed Wiring Board Assemblies: What  
are the environmental consequences?. . Care Innovation Conference,  
Vienna. pp.

**Schartel B, Braun U (2002):**

Comprehensive Fire Behaviour Assessment of Polymeric Materials Based  
on Cone Calorimeter Investigations. . BAM (Federal Institute for Materials  
Research and Testing). pp. 1-14

**Schwartzenbach R, Gschwend P, Imboden P (2002):**

Environmental Organic Chemistry. . Wiley-VCH. pp.

**Simonson M, Blomqvist P, Bodizar A, Möller K, Rosell L, Tullin C, Stripple H,  
Sundqvist J (2000):**

Fire-LCA Model: TV Case Study. . SP Swedish Testing Institute. pp. 1-157

**Sjödin A, Carlsson H, Thuresson K, Sjölin S, Bergman A, Östman C (2001):**

Flame Retardants in Indoor Air at an Electronics Recycling Plant and at  
Other Work Environments. . ES&T, Vol. 35. pp. 448-454

## References and Further Reading

**Sjödin A, Patterson D, Bergman A (2001):**

Brominated Flame Retardants in Serum from U.S. Blood Donors. . ES&T, Vol. 35, No. 19. pp. 3830-3833

**Stapleton H, Dodder N, Offenbergh J, Schantz M, Wise S. (2005):**

Polybrominated Diphenyl Ethers in House Dust and Clothes Dryer Lint. . Environmental Science & Technology, Vol. 39, No. 4. pp. 925-931

**Stevens G (2000):**

Effectiveness of the Furniture and Furnishings Fire Safety Regulations. . Fire Safety Regulations 1988 Department of Trade and Industry. pp. 1-49

**Stevens G, Mann A (1999):**

Risks and Benefits in the Use of Flame Retardants in Consumer Products - A Report for the Department of Trade and Industry. . University of Surrey. pp. 1-75

**Thiry M (2003):**

Textile Flammability A European Perspective - Burning Issues. . AATCC Review. pp. 8-12

**Thomsen C, Lundanes E, Becher G (2002):**

Brominated Flame Retardants in Archived Serum Samples from Norway: A Study on Temporal trends and the Role of Age. . Environmental Science & Technology, Vol. 36, No. 7. pp. 1414-1418

**Troitzsch J (2002):**

Flammschutzmittel - Trends und Innovationen. . KU Kunststoffe. pp. 41-44

**Troitzsch J (2004):**

Plastics Flammability Handbook. . Hanser Publishers. pp. 748

**US-EPA (2005):**

Furniture Flame Retardancy Partnership: Environmental Profiles of Chemical Flame-Retardant Alternatives for Low-Density Polyurethane Foam (Vol. 1+2). . US Environmental Protection Agency, [www.epa.gov/dfe](http://www.epa.gov/dfe). pp. 1-153, 1-393

**Wadehra I. (2005):**

Designing information technology products with flame retarded plastics with special emphasis on current flammability safety and environmental concerns. . Fire and Materials. pp. 121-126