

Contents

1	Human Health Effects of Bisphenol A	1
	Thaddeus T. Schug and Linda S. Birnbaum	
2	Phthalates in Food Packaging, Consumer Products, and Indoor Environments	31
	Kathryn M. Rodgers, Ruthann A. Rudel and Allan C. Just	
3	Brominated Flame Retardants and Their Replacements in Food Packaging and Household Products: Uses, Human Exposure, and Health Effects	61
	Susan D. Shaw, Jennifer H. Harris, Michelle L. Berger, Bikram Subedi and Kurunthachalam Kannan	
4	Nanoparticles in Polymer Nanocomposite Food Contact Materials: Uses, Potential Release, and Emerging Toxicological Concerns	95
	Karthik V. Pillai, Piper R. Hunt and Timothy V. Duncan	
5	The Alkylphenols Nonylphenol and Octylphenol in Food Contact Materials and Household Items: Exposure and Health Risk Considerations	125
	Suzanne M. Snedeker and Anthony G. Hay	
6	Benzophenone UV-Photoinitiators Used in Food Packaging: Potential for Human Exposure and Health Risk Considerations	151
	Suzanne M. Snedeker	
7	Perfluorinated Compounds in Food Contact Materials	177
	Penelope A. Rice, Omari J. Bandele and Paul Honigfort	
8	Antimony in Food Contact Materials and Household Plastics: Uses, Exposure, and Health Risk Considerations	205
	Suzanne M. Snedeker	

9 Lead in Household Products 231
Joseph Laquatra

**10 Methylnaphthalene in Food Packaging and Cadmium in Food
Packaging and Household Items: Overview of Exposure,
Toxicology, Regulatory Aspects, and Research Needs. 245**
Suzanne M. Snedeker

11 Food Contact Materials: Practices, Agencies and Challenges 265
Jane Muncke

Editor Biography 299

Index 301



<http://www.springer.com/978-1-4471-6499-9>

Toxicants in Food Packaging and Household Plastics
Exposure and Health Risks to Consumers

Snedeker, S.M. (Ed.)

2014, X, 310 p. 20 illus., 7 illus. in color., Hardcover

ISBN: 978-1-4471-6499-9