DIN EN 71-10:2006-03 (E)

Safety of toys - Part 10: Organic chemical compounds - Sample preparation and extraction

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Requirements (see B.6) 6

5 Sample preparation 9

6 Migration - Sampling and extraction 9
6.1 Simulant (see B.7) 9
6.2 Apparatus 9
6.3 Sampling 9
6.4 Extraction (see B.8) 10

7 Inhalation - Sampling, extraction and analysis 10
7.1 First-action method for solvents 10
7.2 Final-action method for solvents 10

8 Specific sampling and extraction procedures 10
8.1 Textiles - Flame retardants, colourants and primary aromatic amines 10
8.2 Leather - Colourants, primary aromatic amines and preservatives 11
8.3 Wood - Colourants, primary aromatic amines and wood preservatives 13
8.4 Paper - Colourants and primary aromatic amines 14
8.5 Aqueous liquids - Colourants, primary aromatic amines and preservatives 14
8.6 Solid toy materials intended to leave a trace - Colourants and primary aromatic amines 16
8.7 Modelling clay, play clay and similar - Colourants, primary aromatic amines and preservatives 16
8.8 Balloon-making compounds - Colourants and primary aromatic amines 17
8.9 Imitation tattoos with adhesive - Colourants, primary aromatic amines and preservatives 18

Annex A (normative) First-action method for colourants and primary aromatic amines 20

Annex B (informative) Rationale 22

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 88/378/EEC 24

Bibliography 25