

REFERENCE METHODS OF ANALYSIS
for the monitoring of compliance of certain restrictions listed in Annex XVII to REACH

Entry and Substance	Reference methods	On-going activities
<p>Entry 27 - Nickel</p> <p>Entry 27 Paragraph 3 requires that the standards adopted by the European Committee for Standardisation (CEN) are used as the test methods for demonstrating the conformity of the articles.</p>	<ul style="list-style-type: none"> • Method for the simulation of wear and corrosion for the detection of nickel release from coated items - EN 12472:2005 - OJ C60 15.3.2007 • Reference test method for the release of nickel from products intended to come into direct contact and prolonged contact with the skin - EN 1811/1998 - OJ C205 20.7.1999 	<p>In 2007 Commission has mandated CEN to revise of EN 1811/1998 in order to adapt the standard to Directive 2004/96/EC which requires that the nickel release from post assemblies must be less than 0,2 µg/cm²/week (migration limit).</p> <p>In addition CEN is also preparing a revision of EN 1811/1998 for the detection of nickel release from spectacle frames and sunglasses.</p>
<p>Entry 43 - Azodyes</p> <p>Entry 43 requires that testing methods listed in Appendix 10 to Annex XVII are used.</p>	<ul style="list-style-type: none"> • Leather - Chemical tests -Determination of certain azocolorants in dyed leathers - CEN ISO/TS 17234:2003 • Textiles - Methods for the determination of certain aromatic amines derived from azocolorants - Part 1: Detection of the use of certain azo colorants accessible without extraction - EN 14362-1:2003 • Textiles - Methods for determination of certain aromatic amines derived from azocolorants - Part 2: Detection of the use of certain azo colorants accessible by extracting the fibres - EN 14362-2:2003 	

Entry and Substance	Reference methods	On-going activities
<p>Entry 47 – Chromium VI compounds</p>	<ul style="list-style-type: none"> Method of testing cement – Part 10: Determination of the water-soluble chromium (VI) content of cement - EN 196-10:1994 - OJ C23, 28.1.2005, p.8 	
<p>Entry 50 - PAH in extender oils and in tyres</p> <p>Entry 50 lists the testing methods which are to be used.</p>	<ul style="list-style-type: none"> <u>For Polycyclic aromatics (PAC) in extender oils</u> Institute of Petroleum Standard IP346:1998 <u>For tyres: ISO 21461</u> (Rubber vulcanised – Determination of aromatic oil in vulcanised rubber compopunds) 	<p>In 2007 Commission has mandated CEN to develop a method of analysis to detect polycyclic aromatic hydrocarbons (PAH) in extender oils in order to replace IP346:1998.</p>
<p>Entry 53 – Perfluorooctane sulphonates (PFOS)</p>		<p>In 2007 Commission has mandated CEN to develop a method of analysis to detect perfluorooctane sulphonates (PFOS) in preparations, semi-finished articles including textiles and coated materials in accordance with the requirements of Directive 2006/122/EC.</p>