

*Article 1*

76/769

1. Without prejudice to the application of other relevant Community provisions, this Directive is concerned with restricting the marketing and use in the Member States of the Community, of the dangerous substances and preparations listed in the Annex.
2. This Directive shall not apply to:
  - (a) the carriage of dangerous substances and preparations by rail, road, inland waterway, sea or air;
  - (b) dangerous substances and preparations exported to non-member countries;
  - (c) substances and preparations in transit and subject to customs inspection, provided that they undergo no processing.
3. For the purposes of this Directive:
  - (a) 'substances' means chemical elements and their compounds as they occur in the natural state or as produced by industry;
  - (b) 'preparations' means mixtures or solutions composed of two or more substances.

*Article 2*

Member States shall take all necessary (SIC! necessary) measures to ensure that the dangerous substances and preparations listed in the Annex may only be placed on the market or used subject to the conditions specified therein. Such restrictions shall not apply to marketing or use for Research and Development or analysis purposes.

*Article 2a*

89/678

Amendments required to adapt the Annexes to technical progress, with regard to the substances and preparations already covered by the Directive, shall be adopted in accordance with the procedure laid down in Article 21 of Directive 67/548/EEC<sup>(3)</sup>, as last amended by Decision 88/490/EEC<sup>(4)</sup>.

*Article 3*

76/769

1. Member States shall bring into force the provisions necessary to comply with this Directive within 18 months of its notification and shall forthwith inform the Commission thereof.
2. Member States shall communicate to the Commission the text of the provisions of national law which they adopt in the field covered by this Directive.

<sup>(3)</sup> OJ No 196, 16. 8. 1967, p. 1.

<sup>(4)</sup> OJ No L 259, 19. 9. 1988, p. 1.

*Article 4*

This Directive is addressed to the Member States.

76/769

ANNEX I

76/769 – 83/478

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	
<p>1. — Polychlorinated biphenyls (PCB) except mono- and dichlorinated biphenyls</p> <p>— Polychlorinated terphenyls (PCTs)</p> <p>— Preparations, including waste oils, with a PCB or PCT content higher than <u>0.005 %</u> by weight.</p>	<p>May not be used. However, the following categories may be used under the following conditions:</p> <ol style="list-style-type: none"> <li>1. until 30 June 1986 at the latest: closed-system electrical equipment transformers, resistors and inductors;</li> <li>2. until 30 June 1986 at the latest: large condensers (<math>\geq 1</math> kg total weight);</li> <li>3. until 30 June 1986 at the latest: small condensers (provided that the PCB has a maximum chlorine content of 43 % and does not contain more than 3,5 % of penta- and higher chlorinated biphenyls);</li> <li>4. until 30 June 1986 at the latest: heat-transmitting fluids in closed-circuit heat-transfer installations;</li> <li>5. until 30 June 1986 at the latest: hydraulic fluids for underground mining equipment;</li> </ol> <p>— The use of equipment, plant and fluids referred to in points 1 to 5 above which are in service on 30 June 1986 shall continue to be authorized until they are disposed of or reach the end of their service life.</p>	<p>85/467</p> <p>89/677</p>

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<ul style="list-style-type: none"> <li data-bbox="675 371 1018 618">— Member States may, for reasons of protection of health and the environment, prohibit within their territory the use of such equipment, plant and fluids before they are disposed of or reach the end of their service life.</li> <li data-bbox="675 636 1018 797">— The placing on the second-hand market of such equipment, plant and fluids which are not intended for disposal shall be prohibited from 30 June 1986 onwards.</li> <li data-bbox="675 815 1018 1249">— Where the Member States consider that it is not possible for technical reasons to use substitute products, they may continue to authorize the use of PCBs, PCTs and preparations thereof where the latter are solely intended, in the normal conditions of maintenance of equipment, to supplement the level of liquids containing PCBs in properly functioning existing plant purchased before the entry into force of this Directive.</li> </ul>	85/467

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p>6. until 30 June 1986 at the latest: primary and intermediate products for further processing into other products not prohibited by Directive 76/769/EEC and the Directives amending it; after 30 June 1986 Member States may, provided prior notification stating the reasons is sent to the Commission, grant derogations from the ban on the marketing and use of such primary and intermediate products, in so far as they consider that these derogations have no deleterious effects on health and the environment.</p>	85/467
2. Chloro-1-ethylene (monomer vinyl chloride)	May not be used as aerosol propellant for any use whatsoever.	76/769
3. Liquid substances or preparations, which are regarded as dangerous according to the definitions in Article 2 (2) and the criteria in Annex VI, Part II.D to 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 substances <sup>(1)</sup> , as last amended by Directive 86/431/EEC <sup>(2)</sup> .	<p>May not be used in:</p> <ul style="list-style-type: none"> <li>— ornamental objects intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,</li> <li>— tricks, jokes,</li> <li>— games for one or more participants, or any object intended to be used as such, even with ornamental aspects.</li> </ul>	89/677

<sup>(1)</sup> OJ No 196, 16. 8. 1967, p. 1.

<sup>(2)</sup> OJ No L 247, 1. 9. 1986, p. 1.

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
4. Tris (2,3 dibromopropyl) phosphate CAS No (Chemical Abstract Service Number) 126-72-7	May not be used in textile articles, such as garments, undergarments and linen, intended to come into contact with the skin.	79/663
5. Benzene CAS N° (Chemical Abstract Service Number) 71-43-2	Not permitted in toys or parts of toys as placed on the market where the concentration of benzene in the free state is in excess of 5 mg/kg of the weight of the toy or part of toy.	82/806
	May not be used in concentrations equal to, or greater than, 0,1 % by mass in substances or preparations placed on the market.  However, this provision shall not apply to:  (a) motor fuels which are covered by Directive 85/210/EEC;  (b) substances and preparations for use in industrial processes not allowing for the emission of benzene in quantities in excess of those laid down in existing legislation;  (c) waste covered by Directives 75/442/EEC <sup>(1)</sup> and 78/319/EEC <sup>(2)</sup> .	89/677
6. Asbestos fibres		91/659
6.1. Crocidolite, CAS No 12001-28-4	6.1. The placing on the market and use of these fibres and of products containing these fibres intentionally added shall be prohibited.	
Amosite, CAS No 12172-73-5		
Anthophyllite asbestos, CAS No 77536-67-5		
Actinolite asbestos, CAS No 77536-66-4		
Tremolite asbestos, CAS No 77536-68-6		
6.2. Chrysotile, CAS No 12001-29-5	6.2. The placing on the market and use of products containing this fibre shall be prohibited for:  (a) toys;	

(1) OJ No L 194, 25. 7. 1975, p 39.

(2) OJ No L 84, 31. 3. 1978, p. 43.

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p>(b) materials or preparations intended to be applied by spraying;</p> <p>(c) finished products which are retailed to the public in powder form;</p> <p>(d) items for smoking such as tobacco pipes and cigarette and cigar holders;</p> <p>(e) catalytic filters and insulation devices for incorporation in catalytic heaters using liquefied gas;</p> <p>(f) paints and varnishes;</p> <p>(g) filters for liquids.</p> <p>By way of derogation, this prohibition will not apply to filters for medicinal use until after 31 December 1994;</p> <p>(h) road surfacing material where the fibre content is greater than 2 %;</p> <p>(i) mortars, protective coatings, fillers, sealants, jointing compounds, mastics, glues, decorative powders and finishes;</p> <p>(j) low density insulating or soundproofing materials (density less than 1 g/cm<sup>3</sup>);</p> <p>(k) air filters and filters in transport distribution and utilization of natural gas and town gas;</p> <p>(l) underlays for plastic floor and wall coverings;</p>	91/659

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p>(m) textiles finished in the form intended to be supplied to the end user unless treated to avoid fibre release.</p> <p>By way of derogation, this prohibition will not apply to diaphragms for electrolysis processes until after 31 December 1998;</p> <p>(n) roofing felt.</p> <p>Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the placing on the market and use of products containing this fibre may be permitted only if the products bear a label in accordance with the provisions of Annex II to Directive 76/769/EEC.</p>	91/659
<p>8. Tris-aziridinyl)-phosphin oxide CAS N° 5455-55-1</p> <p>9. Polybromobiphenyls (PBB) CAS N° 59536-65-1</p> <p>10. Soap bark powder (<i>Quillaja saponaria</i>) and its derivatives containing saponines</p> <p>Powder of the roots of <i>Helleborus viridis</i> and <i>Helleborus niger</i></p> <p>Powder of the roots of <i>Veratrum album</i> and <i>Veratrum nigrum</i></p> <p>Benzidine and/or its derivatives</p> <p><i>o</i>-nitrobenzaldehyde CAS N° 552-89-6</p> <p>Wood powder</p>	<p>May not be used in textile articles, such as garments, undergarments and linen, intended to come into contact with the skin</p>	83/264



Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
11. Ammonium sulphide and ammonium hydrogen sulphide CAS N° 12135–76–1 CAS N° 12124–99–1 Ammonium polysulphide CAS N° 12259–92–6	May not be used in jokes and hoaxes or in objects intended to be used as such, for instance as a constituent of sneezing powder and stink bombs  However, Member States may tolerate on their territory stink bombs containing not more than 1,5 ml	83/264
12. Volatile esters of bromoacetic acids: Methyl bromoacetate CAS N° 96–32–2 Ethyl bromoacetate CAS N° 105–36–2 Propyl bromoacetate Butyl bromoacetate		
13. 2-naphthylamine CAS No 91–59–8 and its salts	May not be used in concentrations equal to or greater than 0,1 % by weight in substances and preparations placed on the market.	89/677
14. Benzidine CAS No 92–87–5 and its salts	However, this provision shall not apply to waste containing one or more of these substances and covered by Directives 75/442/EEC and 78/319/EEC.	
15. 4-nitrobiphenyl CAS No 92–93–3		
16. 4-aminobiphenyl CAS No 92–67–1 and its salts	Such substances and preparations may not be sold to the general public. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such preparations shall be legible and indelibly marked as follows:  Restricted to professional users.	

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>17. Lead carbonates:</p> <ul style="list-style-type: none"> <li>— neutral anhydrous carbonate <math>PbCO_3</math> CAS No 598-63-0</li> <li>— lead hydrocarbonate <math>2 PbCO_3 \cdot Pb(OH)_2</math> CAS No 1319-46-6</li> </ul> <p>18. Lead sulphates <math>PbSO_4</math> (1:1) CAS No 7446-14-2 <math>Pb_xSO_4</math> CAS No 15739-80-7</p>	<p>May not be used as substances and constituents of preparations intended for use as paints, except for the restoration and maintenance of works of art and historic buildings and their interiors, where Member States wish to authorize this on their territory, in accordance with the provisions of ILO Convention 13 on the use of white lead in paint.</p> <p>May not be used as substances and constituents of preparations intended for use as paints, except for the restoration and maintenance of works of art and historic buildings and their interiors, where Member States wish to authorize this on their territory, in accordance with the provisions of ILO Convention 13 on the use of sulphates of lead in paint.</p>	89/677
	<p>Member States shall prohibit, as from 1 January 1993, the marketing of:</p> <ul style="list-style-type: none"> <li>— alkaline manganese batteries for prolonged use in extreme conditions (e.g. temperatures below 0° C or above 50° C, exposed to shocks) containing more than 0,05 % of mercury by weight,</li> <li>— all other alkaline manganese batteries containing more than 0,025 % of mercury by weight.</li> </ul> <p>Alkaline manganese button cells and batteries composed of button cells shall be exempted from this prohibition.</p>	91/157

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
19. Mercury compound	<p>May not be used as substances and constituents of preparations intended for use:</p> <p>(a) to prevent the fouling by micro-organisms, plants or animals of:</p> <ul style="list-style-type: none"> <li>— the hulls of boats,</li> <li>— cages, floats, nets and any other appliances or equipment used for fish or shellfish farming,</li> <li>— any totally or partly submerged appliances or equipment;</li> </ul> <p>(b) in the preservation of wood;</p> <p>(c) in the impregnation of heavy-duty industrial textiles and yarn intended for their manufacture;</p> <p>(d) in the treatment of industrial waters, irrespective of their use.</p>	89/677
20. Arsenic compounds	<p>1. May not be used as substances and constituents of preparations intended for use:</p> <p>(a) to prevent the fouling by micro-organisms, plants or animals of:</p> <ul style="list-style-type: none"> <li>— the hulls of boats,</li> <li>— cages, floats, nets and any other appliances or equipment used for fish or shellfish farming,</li> <li>— any totally or partly submerged appliances or equipment;</li> </ul> <p>(b) in the preservation of wood.</p>	

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
21. Organostannic compounds	<p>In this case, the ban does not apply to solutions of inorganic salts of the CCA (copper — chromium — arsenic) type employed in industrial installations using vacuum or pressure to impregnate wood.</p> <p>In addition, Member States may authorize on their territory the use of preparations of the DFA (dinitrophenol — fluoride — arsenic) type for the retreatment in situ of wooden poles already in place and supporting overhead cables. Such preparations must be employed by professionals using vacuum or pressure.</p> <p>2. May not be used as substances and constituents of preparations intended for use in the treatment of industrial waters, irrespective of their use.</p> <p>1. May not be used as substances and constituents of preparations intended for use to prevent the fouling by micro-organisms, plants or animals of:</p> <ul style="list-style-type: none"> <li>(a) the hulls of boats of an overall length, as defined by ISO 8666, of less than 25 metres;</li> <li>(b) cages, floats, nets and any other appliances: or equipment used for fish or shellfish farming;</li> <li>(c) any totally or partly submerged appliances or equipment.</li> </ul> <p>Such substances and preparations</p>	89/677

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>22. di-<math>\mu</math>-oxo-di-n-butylstanniohydroxyborane (<math>C_8H_{19}BO_3S_n</math>, CAS No 75113-37-0) (DBB)</p>	<p>— may be placed on the market only in packagings of a capacity equal to or greater than 20 litres,</p> <p>— may not be sold to the general public but only to professional users.</p> <p>Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such preparations shall be legible and indelibly marked as follows:</p> <p>Not to be used on boats of an overall length of less than 25 metres or on any appliances or equipment used in fish or shellfish farming.</p> <p>Restricted to professional users.</p> <p>2. May not be used as substances and constituents of preparations intended for use in the treatment of industrial waters, irrespective of their use.</p> <p>Shall be prohibited in a concentration equal to or greater than 0,1 % in substances and constituents of preparations placed on the market. However, this provision shall not apply to this substance (DBB) or preparations containing it if these are intended solely for conversion into finished products, among which this substance will no longer feature in a concentration equal to or greater than 0,1%.</p>	89/677
<p>23. Pentachlorophenol (CAS No 87-86-5) and its salts and esters</p>	<p>shall not be used in a concentration equal to or greater than 0,1 % by mass in substances or preparations placed on the market.</p>	91/173

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p data-bbox="619 369 1018 593">By way of exception, this provision shall not apply to substances and preparations intended for use in industrial installations not permitting the emission and/or discharge of pentachlorophenol (PCP) in quantities greater than those prescribed by existing legislation:</p> <p data-bbox="619 604 941 633">(a) in the treatment of wood.</p> <p data-bbox="671 645 1018 701">However, treated wood may not be used:</p> <ul style="list-style-type: none"> <li data-bbox="671 712 1018 857">— inside buildings whether for decorative purposes or not whatever their purpose (residence, employment, leisure);</li> <li data-bbox="671 869 1018 1205">— for the manufacture of containers intended for growing purposes and any re-treatment and the manufacture of packaging which may come into contact with or other materials which may contaminate raw, intermediate and/or finished products intended for human and/or animal consumption and any re-treatment;</li> </ul> <p data-bbox="619 1216 1018 1328">(b) in the impregnation of fibres and heavy-duty textiles not intended in any case for clothing or for decorative furnishings;</p> <p data-bbox="619 1339 1018 1417">(c) as a synthesizing and/or processing agent in industrial processes;</p>	91/173

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p>(d) by way of special exception, Member States may on a case-by-case basis, authorize on their territory specialized professionals to carry out in situ and for buildings of cultural, artistic and historical interest, or in emergencies, a remedial treatment of timber and masonry infected by dry rot fungus (<i>Serpula lacrymans</i>) and cubic rot fungi.</p> <p>These exceptions shall be re-examined in the light of developments in knowledge and techniques not more than three years after the implementation of the Directive.</p> <p>In any case:</p> <p>(a) Pentachlorophenol used alone or as a component of preparations employed within the framework of the above exceptions must have a total hexachlorodibenzoparadioxin (H<sub>6</sub>CDD) content below four parts per million (ppm);</p> <p>(b) these substances and preparations may not:</p> <ul style="list-style-type: none"> <li>— be placed on the market except in packages of 20 litres or more;</li> <li>— be sold to the general public.</li> </ul> <p>Without prejudice to the implementation of other Community provisions concerning the classification, packaging and labelling of dangerous substances and preparations, the packaging of such preparations should be marked clearly and indelibly:</p> <p>“Reserved for industrial and professional use”.</p>	91/173

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	In addition, this provision shall not apply to waste covered by Directives 75/442/EEC and 78/319/EEC.	91/173
24. Cadmium (CAS No 7440-43-9) and its compounds	<p>1.1. May not be used to give colour to finished products manufactured from the substances and preparations listed below:</p> <ul style="list-style-type: none"> <li>— polyvinyl chloride (PVC) [3904 10] [3904 21] [3904 22] <sup>(1)</sup></li> <li>— polyurethane (PUR) [3909 50] <sup>(1)</sup></li> <li>— low-density polyethylene (ld PE), with the exception of low-density polyethylene used for the production of coloured masterbatch [3901 10] <sup>(1)</sup></li> <li>— cellulose acetate (CA) [3912 11] [3912 12] <sup>(1)</sup></li> <li>— cellulose acetate butyrate (CAB) [3912 11] [3912 12] <sup>(1)</sup></li> <li>— epoxy resins [3907 30] <sup>(1)</sup></li> </ul> <p>In any case, whatever their use or intended final purpose, finished products or components of products manufactured from the substances and preparations listed above coloured with cadmium may not be placed on the market if their cadmium content (expressed as Cd metal) exceeds 0,01 % by mass of the plastic material.</p> <p>1.2. Section 1.1 also applies from 31 December 1995 for:</p>	91/338

<sup>(1)</sup> Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff (OJ No L 256, 7. 9. 1987).



Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p>(a) finished products manufactured from the following substances and preparations:</p> <ul style="list-style-type: none"> <li>— melamine — formaldehyde (MF) [3909 20] <sup>(1)</sup></li> <li>— urea — formaldehyde (UF) [3909 10] <sup>(1)</sup></li> <li>— unsaturated polyesters (UP) [3907 91] <sup>(1)</sup></li> <li>— polyethylene terephthalate (PET) [3907 60] <sup>(1)</sup></li> <li>— polybutylene terephthalate (PBT)</li> <li>— transparent/general-purpose polystyrene [3903 11] [3903 19] <sup>(1)</sup></li> <li>— acrylonitrile methacrylate (AMMA)</li> <li>— cross-linked polyethylene (VPE) <sup>(1)</sup></li> <li>— high-impact polystyrene</li> <li>— polypropylene (PP) [3902 10] <sup>(1)</sup></li> </ul> <p>(b) paints [3208] [3209] <sup>(1)</sup></p> <p>However, if the paints have a high zinc content, their residual concentration of cadmium must be as low as possible and at all events not exceed 0,1 % by mass.</p> <p>1.3. However, Sections 1.1 and 1.2 do not apply to products to be coloured for safety reasons.</p>	91/338

<sup>(1)</sup> Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff (OJ No L 256, 7. 9. 1987).

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p>2.1. May not be used to stabilize the finished products listed below manufactured from polymers or copolymers of vinyl chloride:</p> <ul style="list-style-type: none"> <li>— packaging materials (bags, containers, bottles, lids) [3923 29 10] [3920 41] [3920 42] <sup>(1)</sup></li> <li>— office or school supplies [3926 10] <sup>(1)</sup></li> <li>— fittings for furniture, coachwork or the like [3926 30] <sup>(1)</sup></li> <li>— articles of apparel and clothing accessories (including gloves) [3926 20] <sup>(1)</sup></li> <li>— floor and wall coverings [3918 10] <sup>(1)</sup></li> <li>— impregnated, coated, covered or laminated textile fabrics [5903 10] <sup>(1)</sup></li> <li>— imitation leather [4202] <sup>(1)</sup></li> <li>— gramophone records [8524 10] <sup>(1)</sup></li> <li>— tubes and pipes and their fittings [3917 23] <sup>(1)</sup></li> <li>— swing doors <sup>(1)</sup></li> <li>— vehicles for road transport (interior, exterior, underbody) <sup>(1)</sup></li> <li>— coating of steel sheet used in construction or in industry <sup>(1)</sup></li> <li>— insulation for electrical wiring <sup>(1)</sup></li> </ul>	91/338

<sup>(1)</sup> Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff (OJ No L 256, 7. 9. 1987).

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p>In any case, whatever their use or intended final purpose, the placing on the market of the above finished products or components of products manufactured from polymers or copolymers of vinyl chloride, stabilized by substances containing cadmium is prohibited, if their cadmium content (expressed as Cd metal) exceeds 0,01 % by mass of the polymer.</p> <p>These provisions enter into force on 30 June 1994.</p> <p>2.2. However, Section 2.1 does not apply to finished products using cadmium-based stabilizers for safety reasons.</p> <p>3. Within the meaning of this Directive, "cadmium plating" means any deposit or coating of metallic cadmium on a metallic surface.</p> <p>3.1. May not be used for cadmium plating metallic products or components of the products used in the sectors/applications listed below.</p> <p>(a) equipment and machinery for:</p> <ul style="list-style-type: none"> <li>— food production: [8210] [8417 20] [8419 81] [8421 11] [8421 22] [8422] [8435] [8437] [8438] [8476 11] <sup>(1)</sup></li> <li>— agriculture [8419 31] [8424 81] [8432] [8433] [8434] [8436] <sup>(1)</sup></li> <li>— cooling and freezing [8418] <sup>(1)</sup></li> </ul>	91/338

<sup>(1)</sup> Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff (OJ No L 256, 7. 9. 1987).

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p data-bbox="708 371 1011 450">— printing and book-binding [8440] [8442] [8443] <sup>(1)</sup></p> <p data-bbox="675 468 1011 521">(b) equipment and machinery for the production of:</p> <p data-bbox="708 539 1011 618">— household goods [7321] [8421 12] [8450] [8509] [8516] <sup>(1)</sup></p> <p data-bbox="708 636 1011 714">— furniture [8465] [8466] [9401] [9402] [9403] [9404] <sup>(1)</sup></p> <p data-bbox="708 732 979 763">— sanitary ware [7324] <sup>(1)</sup></p> <p data-bbox="708 781 1011 860">— central heating and air conditioning plant [7322] [8403] [8404] [8415] <sup>(1)</sup></p> <p data-bbox="675 878 1011 1144">In any case, whatever their use or intended final purpose, the placing on the market of cadmium-plated products or components of such products used in the sectors/applications listed in (a) and (b) above and of products manufactured in the sectors listed in (b) above is prohibited.</p> <p data-bbox="624 1162 1011 1406">3.2. The provisions referred to in Section 3.1 are also applicable from 30 June 1995 to cadmium-plated products or components of such products when used in the sectors/applications listed in (a) and (b) below and to products manufactured in the sectors listed in (b) below:</p> <p data-bbox="675 1424 1011 1478">(a) equipment and machinery for the production of:</p> <p data-bbox="708 1496 1011 1574">— paper and board [8419 32] [8439] [8441] <sup>(1)</sup></p>	91/338

<sup>(1)</sup> Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff (OJ No L 256, 7. 9. 1987).

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<ul style="list-style-type: none"> <li>— textiles and clothing [8444](1) [8445] [8447] [8448] [8449] [8451] [8452] (1)</li> <li>(b) equipment and machinery for the production of:               <ul style="list-style-type: none"> <li>— industrial handling equipment and machinery [8425] [8426] [8427] [8428] [8429] [8430] [8431] (1)</li> <li>— road and agricultural vehicles [chapter 87] (1)</li> <li>— rolling stock [chapter 86] (1)</li> <li>— vessels [chapter 89] (1)</li> </ul> </li> <li>3.3. However, Sections 3.1 and 3.2 do not apply to:               <ul style="list-style-type: none"> <li>— products and components of the products used in the aeronautical, aerospace, mining, offshore and nuclear sectors whose applications require high safety standards and in safety devices in road and agricultural vehicles, rolling stock and vessels,</li> <li>— electrical contacts in any sector of use, on account of the reliability required of the apparatus on which they are installed.</li> </ul> </li> </ul>	91/338
<p>25. Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 CAS No 76253-60-6</p>	<p>As from 18 June 1994 the marketing and use of this substance and of preparations and products containing it shall be prohibited. By way of exception this provision shall not apply:</p>	91/339

(1) Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff (OJ No L 256, 7. 9. 1987).

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>26. Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121, Ugilec 21 CAS No — unknown</p> <p>27. Monomethyl-dibromo-diphenyl methane Trade name: DBBT CAS No 99688-47-8</p>	<p>1) in the case of plant and machinery already in service on 18 June 1994 until such plant and machinery is disposed of. However, as from 18 June 1994 Member States may, on grounds of health protection and environmental protection, prohibit within their territory the use of such plant or machinery before it is disposed of;</p> <p>2) in the case of the maintenance of plant and machinery already in service on 18 June 1994. As from 18 June 1994 the placing on the secondhand market of this substance, preparations containing this substance and plant/machinery containing this substance, shall be prohibited.</p> <p>The marketing and use of this substance and of preparations and products containing it shall be prohibited.</p> <p>The marketing and use of this substance and of preparations and products containing it shall be prohibited.</p>	91/339
<p>28. Nickel CAS No 7440-02-0 EINECS No 2311114 and its compounds</p>	<p>May not be used:</p> <p>1) in post assemblies which are inserted into pierced ears and other pierced parts of the human body during epithelization of the wound caused by piercing, whether subsequently removed or not, unless such post assemblies are homogeneous and the concentration of nickel — expressed as mass of nickel to total mass — is less than 0,05 %;</p>	94/27

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p data-bbox="619 367 1018 450">2) in products intended to come into direct and prolonged contact with the skin such as:</p> <ul style="list-style-type: none"> <li data-bbox="671 465 802 495">— earrings,</li> <li data-bbox="671 506 1018 562">— necklaces, bracelets and chains, anklets, finger rings,</li> <li data-bbox="671 573 1018 629">— wrist-watch cases, watch straps and tighteners,</li> <li data-bbox="671 640 1018 752">— rivet buttons, tighteners, rivets, zippers and metal marks, when these are used in garments</li> </ul> <p data-bbox="671 768 1018 909">if the rate of nickel release from the parts of these products coming into direct and prolonged contact with the skin is greater than 0,5 <math>\mu\text{g}/\text{cm}^2/\text{week}</math>;</p> <p data-bbox="619 920 1018 1227">3) in products such as those listed in point 2 where these have a non-nickel coating unless such coating is sufficient to ensure that the rate of nickel release from those parts of such products coming into direct and prolonged contact with the skin will not exceed 0,5 <math>\mu\text{g}/\text{cm}^2/\text{week}</math> for a period of at least two years of normal use of the product.</p> <p data-bbox="619 1238 1018 1379">Furthermore, products which are the subject of points 1, 2 and 3, may not be placed on the market unless they conform to the requirements set out in those points</p>	94/27

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>29. Substances which appear in Annex I to Directive 67/548/EEC classified as carcinogen category 1 or carcinogen category 2 and labelled at least as "Toxic (T)" with risk phrase R45: "May cause cancer or risk phrase R49: "may cause cancer by inhalation", and listed as follows:</p> <p>Carcinogen category 1 See List 1 in the Appendix</p> <p>Carcinogen category 2 See List 2 in the Appendix</p>	<p>May not be used in substances and preparations placed on the market for sale to the general public in individual concentration equal to or greater than:</p> <ul style="list-style-type: none"> <li>— either the concentration specified in Annex I to Directive 67/548/EEC, or</li> <li>— the concentration specified in point 6, Table VI, of Annex I to Directive 88/379/EEC where no concentration limit appears in Annex I to Directive 67/548/EEC.</li> </ul> <p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging – and labelling of dangerous substances and preparations, the packaging of such substances and preparations must be marked legibly and indelibly as follows: "Restricted to professional users. Attention — Avoid exposure — obtain special instructions before use".</p> <p>By way of derogation, this provision shall not apply to:</p> <ul style="list-style-type: none"> <li>(a) medicinal or veterinary products as defined by Directive 65/65/EEC <sup>(1)</sup>;</li> <li>(b) cosmetic products as defined by Directive 76/768/EEC <sup>(2)</sup>;</li> <li>(c) — motor fuels which are covered by Directive 85/210/EEC <sup>(3)</sup>,</li> </ul>	94/60

(1) OJ No 22, 9. 2. 1965, p. 369/65. Directive as last amended by Directive 93/39/EEC (OJ No L 214, 24. 8. 1993, p. 22).

(2) OJ No L 262, 27. 9. 1976, p. 169. Directive as last amended by Directive 93/35/EEC (OJ No L 151, 23. 6. 1993, p. 32).

(3) OJ No L 96, 3. 4. 1985, p. 25



Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>30. Substances which appear in Annex I to Directive 67/548/EEC classified as mutagen category 1 or mutagen category 2 and labelled with risk phrase R46: "May cause heritable genetic damage", and listed as follows:</p> <p>Mutagen category 1 See List 3 in the Appendix</p> <p>Mutagen category 2 See List 4 in the Appendix</p>	<p>— mineral oil products intended for use as fuel in mobile or fixed combustion plants,</p> <p>— fuels sold in closed systems (e.g. liquid gas bottles)</p> <p>(d) other substances and preparations listed in Annex I to this Directive, under points other than 30 and 31;</p> <p>(e) artists' paints covered by Directive 88/379/EEC <sup>(1)</sup></p> <p>May not be used in substances and preparations placed on the market for sale to the general public in individual concentration equal to or greater than:</p> <p>— either the concentration specified in Annex I to Directive 67/548/EEC, or</p> <p>— the concentration specified in point 6, Table VI, of Annex I to Directive 88/379/EEC where no concentration limit appears in Annex I to Directive 67/548/EEC.</p> <p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations must be marked legibly and indelibly as follows: "Restricted to professional users. Attention — Avoid exposure — obtain special instructions before use.</p> <p>By way of derogation, this provision shall not apply to:</p>	94/60

<sup>(1)</sup> OJ No L 187, 16. 7. 1988, p. 14.

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>31. Substances which appear in Annex I to Directive 67/548/EEC classified as toxic for reproductive purposes category 1 or toxic for reproductive purposes category 2 and labelled with risk phrase R60: "May impair fertility" and/or R61: "May cause harm to the unborn child", and listed as follows:</p> <p>Toxic for reproductive purposes category 1 See List 5 in the Appendix</p>	<p>(a) medicinal or veterinary products as defined by Directive 65/65/EEC;</p> <p>(b) cosmetic products as defined by Directive 76/768/EEC;</p> <p>(c) motor fuels which are covered by Directive 85/210/EEC:</p> <ul style="list-style-type: none"> <li>— mineral oil products intended for use as fuel in mobile or fixed combustion plants,</li> <li>— fuels sold in closed systems (e.g. liquid gas bottles);</li> </ul> <p>(d) other substances and preparations listed in Annex I to this Directive, under points other than 29 and 31;</p> <p>(e) artists' paints covered by Directive 88/379/EEC.</p> <p>May not be used in substances and preparations placed on the market for sale to the general public in individual concentration equal to or greater than:</p> <ul style="list-style-type: none"> <li>— either the concentration specified in Annex I to Directive 67/548/EEC, or</li> <li>— the concentration specified in point 6, Table VI, of Annex I to Directive 88/379/EEC where no concentration limit appears in Annex I to Directive 67/548/EEC.</li> </ul>	94/60

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>Toxic for reproductive purposes category 2 See List 6 in the Appendix</p> <p>32. Substances and preparations containing one or more of the following substances:</p>	<p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations must be marked legibly and indelibly as follows: "Restricted to professional users. Attention — Avoid exposure — obtain special instructions before use".</p> <p>By way of derogation, this provision shall not apply to:</p> <ul style="list-style-type: none"> <li>(a) medicinal or veterinary products as defined by Directive 65/65/EEC;</li> <li>(b) cosmetic products as defined by Directive 76/768/EEC;</li> <li>(c) — motor fuels which are covered by Directive 85/210/EEC, <ul style="list-style-type: none"> <li>— mineral oil products intended for use as fuel in mobile or fixed combustion plants,</li> <li>— fuels sold in closed systems (e.g. liquid gas bottles);</li> </ul> </li> <li>(d) other substances and preparations listed in Annex I to this Directive, under points other than 29 and 30;</li> <li>(e) artists' paints covered by Directive 88/379/EEC.</li> </ul> <p>32.1. May not be used for wood treatment if they contain:</p>	94/60

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>(a) Creosote    Einecs    No 232-287-5    CAS    No 8001-58-9</p> <p>(b) Creosote oil    Einecs    No 263-047-8    CAS    No 61789-28-4</p> <p>(c) Distillates (coal tar), naphthalene oils    Einecs    No 283-484-8    CAS    No 84650-04-4</p> <p>(d) Creosote oil, acenaphthene fraction    Einecs    No 292-605-3    CAS    No 90640-84-9</p> <p>(e) Distillates (coal tar), upper    Einecs    No    266-026-1 CAS No 65996-91-0</p> <p>(f) Anthracene oil    Einecs    No 292-602-7    CAS    No 90640-80-5</p> <p>(g) Tar Acids, Coal, Crude    Einecs    No    266-019-3 CAS No 65996-85-2</p> <p>(h) Creosote, wood    Einecs    No 232-419-1    CAS    No 8021-39-4</p> <p>(j) Low temperature tar oil, alkaline    Einecs    No 310-191-5    CAS    No 122384-78-5</p>	<p>(a) benzo-a-pyrene at a concentration of greater than 0,005 % by mass; or</p> <p>(b) water extractable phenols at a concentration of greater than 3 % by mass or both (a) and (b).</p> <p>Furthermore wood so treated may not be placed on the market.</p> <p>However by way of derogation:</p> <p>(i) Relating to the substances and preparations: these may be used for wood treatment in industrial installations if they contain:</p> <p>(a) benzo-a-pyrene at a concentration of less than 0,05 % by mass; and</p> <p>(b) water extractable phenols at a concentration of less than 3 % by mass.</p> <p>Such substances and preparations:</p> <p>— may be placed on the market only in packaging of a capacity equal to or greater than 200 litres,</p>	94/60

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<p data-bbox="703 369 1015 427">— may not be sold to the general public.</p> <p data-bbox="703 443 1015 745">Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations shall be legible and indelibly marked as follows: “For use in industrial installations only”.</p> <p data-bbox="675 761 1015 1037">(ii) Relating to wood treated according to (i) which is placed on the market for the first time: this is permitted for professional and industrial use only, e.g. on railways, in electric power transmission and telecommunications, for fencing and in harbours and waterways.</p> <p data-bbox="703 1052 1015 1111">However, such wood may not be used:</p> <p data-bbox="703 1126 1015 1261">— inside buildings whether for decorative purposes or not, whatever their purpose (residence, employment, leisure),</p>	94/60

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
	<ul style="list-style-type: none"> <li>— for the manufacture of containers intended for growing purposes and any re-treatment and the manufacture of packaging which may come into contact with, or of other materials which may contaminate, raw, intermediate and/or finished products intended for human and/or animal consumption, and any re-treatment,</li> <li>— in playgrounds and in other outdoor places of public pleasure or in other situations where there is a risk that it may come into contact with skin.</li> </ul> <p>(iii) Relating to old treated wood: the prohibition shall not apply where this is placed on the second-hand market. However, such wood may not be used:</p> <ul style="list-style-type: none"> <li>— inside buildings whether for decorative purposes or not, whatever their purpose (residence, employment, leisure),</li> </ul>	94/60

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>33. Chloroform CAS No 67-66-3</p> <p>34. Carbon tetrachloride CAS No 56-23-5</p> <p>35. 1,1,2 Trichloroethane CAS No 79-00-5</p> <p>36. 1,1,2,2, Tetrachloroethane CAS No 79-34-5</p> <p>37. 1,1,1,2 Tetrachloroethane CAS No 630-20-6</p> <p>38. Pentachloroethane CAS No 76-01-7</p> <p>39. 1,1 Dichloroethylene CAS No 75-35-4</p> <p>40. 1,1,1 Trichloroethane CAS No 71-55-6</p>	<p>— for the manufacture of containers intended for growing purposes and any re-treatment and the manufacture of packaging which may come into contact with, or of other materials which may contaminate, raw, intermediate and/or finished products intended for human and/or animal consumption, and any re-treatment,</p> <p>— in playgrounds and in other outdoor places of public pleasure.</p> <p>May not be used in concentrations equal to or greater than 0,1 % by weight in substances and preparations placed on the market for sale to the general public.</p> <p>Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances and preparations, the packaging of such substances and preparations containing them in concentrations equal to or greater than 0,1 % shall be legible and indelibly marked as follows: "Restricted to professional users".</p> <p>By way of derogation this provision shall not apply to:</p> <p>(a) medicinal or veterinary products as defined by Directive 65/65/EEC, as last amended by Directive 89/381/EEC;</p> <p>(b) cosmetic products as defined by Directive 76/768/EEC, as last amended by Directive 89/679/EEC.</p>	94/60

Designation of the substance, of the groups of substances or of the preparation	Conditions of restriction	76/769
<p>41. Substances either</p> <ul style="list-style-type: none"> <li>— appearing in Annex I to Directive 67/548/EEC which are classified as flammable or extremely flammable and labelled as such,</li> <li>or</li> <li>— not yet appearing in Annex I to Directive 67/458/EEC but conforming to the criteria of flammability of Annex VI to Directive 67/458/EEC and being provisionally classified and labelled as flammable, highly flammable or extremely flammable according to Article 5 (2) of Directive 67/458/EEC.</li> </ul>	<ol style="list-style-type: none"> <li>1. May not be used as such or in the form of preparations in aerosol generators marketed and intended for sale to the general public for entertainment and decorative purposes such as the following: <ul style="list-style-type: none"> <li>— metallic glitter intended mainly for decorations,</li> <li>— artificial snow and frost,</li> <li>— ‘whoopee ’cushions,</li> <li>— silly string, aerosols,</li> <li>— imitation excrement,</li> <li>— horn for parties,</li> <li>— decorative flakes and foams,</li> <li>— artificial cobwebs,</li> <li>— stink bombs,</li> <li>— etc.</li> </ul> </li> <li>2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of dangerous substances, the following words must appear legibly and indelibly on the packaging of aerosol generators referred to above; ‘For professional users only’.</li> <li>3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol generators referred to in Article 9a of Directive 75/324/EEC.</li> <li>4. The products referred to above may not be placed on the market unless they conform to the requirements indicated.</li> </ol>	94/48 – Art.1



## APPENDIX

94/60

## Point 29 — Carcinogens

*List 1, category 1*

2-naphthylamine; β-naphthylamine	CAS No	91-5999-8
biphenyl-4-ylamine; xenylamine; 4-aminobiphenyl	CAS No	92-67-1
benzidine; 4,4'-diaminobiphenyl; biphenyl-4,4'-ylenediamine	CAS No	92-87-5
chromium trioxide	CAS No	1333-82-0
arsenic acid and its salts	CAS No	—
arsenic pentoxide; arsenic oxide	CAS No	1303-28-2
diarsenic trioxide; arsenic trioxide	CAS No	1327-53-3
asbestos	CAS No	132207-33-1 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5
benzene	CAS No	71-43-2
bis (chloromethyl) ether	CAS No	542-88-1
chloromethyl methyl ether, chlorodimethyl ether	CAS No	107-30-2
dinickel trioxide	CAS No	1314-06-3
erionite	CAS No	12510-42-8
nickel dioxide	CAS No	12035-36-8
nickel monoxide	CAS No	1313-99-1
nickel subsulphide	CAS No	12035-72-2
nickel sulphide	CAS No	16812-54-7
salts of 2-naphthylamine	CAS No	—
salts of biphenyl-4-ylamine; salts of xenylamine; salts of 4-aminobiphenyl	CAS No	—
salts of benzidine	CAS No	—
vinyl chloride; chloroethylene	CAS No	75-01-4
zinc chromates including zinc potassium chromate	CAS No	—

*List 2, category 2*

1-methyl-3-nitro-1-nitrosoguanidine	CAS No	70-25-7
1,2-dibromo-3-chloropropane	CAS No	96-12-8
1,2-dimethylhydrazine	CAS No	540-73-8
1,3-butadiene, buta-1,3-diene	CAS No	106-99-0
1,3-dichloro-2-propanol	CAS No	96-23-1
1,3-propanesultone	CAS No	1120-71-4
3-propanolide; 1,3-propiolactone	CAS No	57-57-8
1,4-dichlorobut-2-ene	CAS No	764-41-0
2-nitronaphtalene	CAS No	581-89-5
2-nitropropane	CAS No	79-46-9
2,2'-dichloro-4,4'-methylenedianiline; 4,4'-methylene bis(2-chloroaniline)	CAS No	101-14-4
2,2'-(nitrosoimino)bisethanol	CAS No	1116-54-7

3,3'-dichlorobenzidine; 3,3'-dichlorobiphenyl-4,4'-ylenediamine	CAS No 91-94-1	94/60
3,3'-dimethoxybenzidine; o-dianisidine	CAS No 119-90-4	
3,3'-dimethylbenzidine; o-tolidine	CAS No 119-93-7	
4-aminoazobenzene	CAS No 60-09-3	
4-amino-3-fluorophenol	CAS No 399-95-1	
4-methyl-m-phenylenediamine	CAS No 95-80-7	
4-nitrobiphenyl	CAS No 92-93-3	
4,4'-methylenedi-o-toluidine	CAS No 838-88-0	
4,4'-diaminodiphenylmethane; 4,4'-methylenedianiline	CAS No 101-77-9	
5-nitroacenaphthene	CAS No 602-87-9	
4-o-tolylazo-o-toluidine; 4-amino-2',3-dimethylazobenzene; fast gamet GBC base; AAT; o-aminoazotoluene	CAS No 97-56-3	
disodium-{5[(4'-((2,6-hydroxy-3-((2-hydroxy-5-sulphophenyl)azo)phenyl)azo)(1,1'-biphenyl)-4-yl)azo]salicylate(4-)}cuprate(2-); CI Direct Brown 95	CAS No 16071-86-6	
cadmium oxide	CAS No 1306-19-0	
Extracts (petroleum), heavy naphthenic distillate solvent	CAS No 64742-11-6	
Extracts (petroleum), heavy paraffinic distillate solvent	CAS No 64742-04-7	
Extracts (petroleum), light naphthenic distillate solvent	CAS No 64742-03-6	
Extracts (petroleum), light paraffinic distillate solvent	CAS No 64742-05-8	
Extracts (petroleum), light vacuum gas oil solvent	CAS No 91995-78-7	
Hydrocarbons, C26-55-, arom-rich	CAS No 97722-04-8	
N,N-dimethylhydrazine	CAS No 57-14-7	
acrylamide	CAS No 79-06-1	
acrylonitrile	CAS No 107-13-1	
$\alpha,\alpha,\alpha$ -trichlorotoluene; benzotrichloride	CAS No 98-07-7	
benzo[a]anthracene	CAS No 56-55-3	
benzo[a]pyrene; benzo[d,e,f]chrysene	CAS No 50-32-8	
benzo[b]fluoranthene; benzo[e]acephenanthrylene	CAS No 205-99-2	
benzo [j] fluoranthene	CAS No 205-82-3	
benzo [k] fluoranthene	CAS No 207-08-9	
beryllium	CAS No 7440-41-7	
beryllium compounds with the exception of aluminium beryllium silicates	CAS No —	
cadmium chloride	CAS No 10108-64-2	
cadmium sulphate	CAS No 10124-36-4	
cadmium chromate	CAS No 13765-19-0	
captafol (ISO); 1,2,3,6-tetrahydro-N-(1,1,2,2-tetrachloroethylthio)phthalimide	CAS No 2425-06-1	
carbadox (INN); methyl-3-(quinoxalin-2-ylmethylene)carbazate 1,4-dioxide; 2-(methoxycarbonylhydrazonomethyl)quinoxaline 1,4-dioxide	CAS No 6804-07-5	

chromium III chromate; chromic chromate	CAS No 24613-89-6	94/60
diazomethane	CAS No 334-88-3	
dibenz[a,h]anthracene	CAS No 53-70-3	
diethyl sulphate	CAS No 64-67-5	
dimethyl sulphate	CAS No 77-78-1	
dimethylcarbamoyl chloride	CAS No 79-44-7	
N-nitrosodimethylamine; dimethylnitrosamine	CAS No 62-75-9	
dimethylsulfamoylchloride	CAS No 13360-57-1	
1-chloro-2,3-epoxypropane; epichlorhydrin	CAS No 106-89-8	
1,2-dichloroethane; ethylene dichloride	CAS No 107-06-2	
ethylene oxide; oxirane	CAS No 75-21-8	
ethyleneimine; aziridine	CAS No 151-56-4	
hexachlorobenzene	CAS No 118-74-1	
hexamethylphosphoric triamide; hexamethylphosphoramide	CAS No 680-31-9	
hydrazine	CAS No 302-01-2	
hydrazobenzene; 1,2-diphenylhydrazine	CAS No 122-66-7	
methyl acrylamidomethoxyacetate (containing $\geq 0,1$ % acrylamid)	CAS No 77402-03-0	
methyl-ONN-azoxymethyl acetate; methyl azoxy methyl acetate	CAS No 592-62-1	
nitrofen (ISO); 2,4-dichlorophenyl 4-nitrophenyl ether	CAS No 1836-75-5	
nitrosodipropylamine	CAS No 621-64-7	
2-methoxyaniline; o-anisidine	CAS No 90-04-0	
potassium bromate	CAS No 7758-01-2	
propylene oxide; 1,2-epoxypropane; methyloxirane	CAS No 75-56-9	
o-toluidine	CAS No 95-53-4	
2-methylaziridine; propyleneimine	CAS No 75-55-8	
salts of 2,2'-dichloro-4,4'-methylenedianiline; salts of 4,4'-methylenebis(2-chloroaniline)	CAS No —	
salts of 3,3'-dichlorobenzidine; salts of 3,3'-dichlorobiphenyl-4,4'-ylenediamine	CAS No —	
salts of 3,3'-dimethoxybenzidine; salts of o-dianisidine	CAS No —	
salts of 3,3'-dimethylbenzidine; salts of o-tolidine	CAS No —	
strontium chromate	CAS No 7789-06-2	
styrene oxide; (epoxyethyl)benzene; phenyloxirane	CAS No 96-09-3	
sulfallate (ISO); 2-chlorallyl diethyldithiocarbamate	CAS No 95-06-7	
thioacetamide	CAS No 62-55-5	
urethane (INN); ethyl carbamate	CAS No 51-79-6	

### Point 30 — Mutagens

#### List 3, category 1

No substances classified in this category

#### List 4, category 2

1,2-dibromo-3-chloropropane	CAS No 96-12-8
acrylamide	CAS No 79-06-1
benzo[a]pyrene; benzo [d,e,f]chrysene	CAS No 50-32-8
diethyl sulphate	CAS No 64-67-5

ethylene oxide; oxirane	CAS No 75-21-8	94/60
ethyleneimine, aziridine	CAS No 151-56-4	
hexamethylphosphoric triamide; hexamethylphosphoramide	CAS No 680-31-9	
methyl acrylamidomethoxyacetate (containing $\geq 0,1$ % acrylamid)	CAS No 77402-03-0	

**Point 31 — Toxic for reproduction**

*List 5, Category 1*

lead hexafluorosilicate	CAS No 25808-74-6
lead acetate	CAS No 1335-32-6
lead alkyls	CAS No —
lead azide	CAS No 13424-46-9
lead chromate	CAS No 7758-97-6
lead compounds with the exception of those specified elsewhere in this Annex	CAS No —
lead di(acetate)	CAS No 301-04-2
lead 2,4,6-trinitroresorcinoxide; lead styphnate	CAS No 15245-44-0
lead(II)methanesulphonate	CAS No 17570-76-2
trilead bis(orthophosphate)	CAS No 7446-27-7
warfarin (*); 4-hydroxy-3-(3-oxo-1-phenylbutyl)coumarin	CAS No 81-81-2

*List 6, category 2*

2-ethoxyethanol; ethylene glycol monoethyl ether	CAS No 110-80-5
2-ethylhexyl 3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl methyl thio acetate	CAS No 80387-97-9
2-methoxyethanol, ethylene glycol monomethyl ether	CAS No 109-86-4
benzo[a]pyrene; benzo[d,e,f]chrysene	CAS No 50-32-8
binapacryl (ISO); 2-sec-butyl-4,6-dinitrophenyl-3-methylcrotonate	CAS No 485-31-4
N,N-diinethylformamide; dimethyl formamide	CAS No 68-12-2
dinoseb; 6-sec-butyl-2,4-dinitrophenol	CAS No 88-85-7
dinoterb; 2-tert-butyl-4,6-dinitrophenol	CAS No 1420-07-1
ethylene thiourea; imidazolidine-2-thione; 2-imidazoline-2-thiol	CAS No 96-45-7
2-ethoxyethyl acetate; ethylglycol acetate	CAS No 111-15-9
methyl-ONN-azoxymethyl acetate; methyl azoxy methyl acetate	CAS No 592-62-1
2-methoxyethyl acetate; methylglycol acetate	CAS No 110-49-6
nickel tetracarbonyl	CAS No 13463-39-3
nitrofen (ISO); 2,4-dichlorophenyl 4-nitrophenyl ether	CAS No 1836-75-5
salts and esters of dinoseb, with the exception of those specified elsewhere in this Appendix	CAS No —
salts and esters of dinoterb	CAS No —

(\*) The name "Warfarin" is not authorized in France.

## ANNEX II

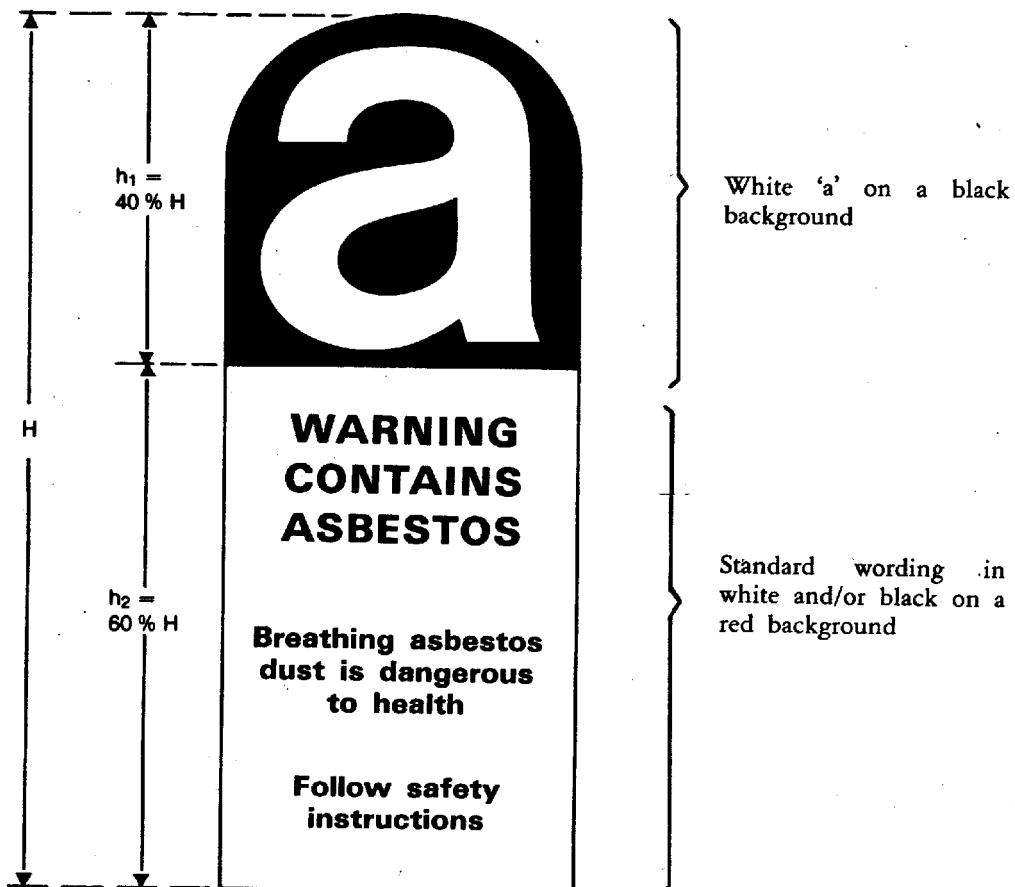
83/478

**A. Special provisions on the labelling of products containing asbestos**

85/467

1. All products containing asbestos or the packaging thereof shall bear the label defined as follows
  - (a) the label conforming to the specimen below shall be at least 5 cm high (H) and 2,5 cm wide;
  - (b) it shall consist of two parts:
    - the top part ( $h_1 = 40\% H$ ) shall include the letter 'a' in white, on a black background,
    - the bottom part ( $h_2 = 60\% H$ ) shall include the standard wording in white and/or black, on a red background, and shall be clearly legible;
  - (c) if the product contains crocidolite, the words 'contains asbestos' used in the standard wording shall be replaced by 'contains crocidolite/blue asbestos'.

Member States may exclude from the provision of the first subparagraph hereof products intended to be placed on the market in their territory. The labelling of these products must however bear the wording 'contains asbestos';



- (d) if labelling takes the form of direct printing on the products, a single colour contrasting with the background colour is sufficient.
2. The label mentioned in this Annex shall be affixed in accordance with the following rules:
- (a) on each of the smallest units supplied;
- (b) if a product has asbestos-based components, it is sufficient for these components only to bear the label. The labelling may be dispensed with if smallness of size or unsuitability of packaging make it impossible for a label to be affixed to the component.
3. *Labelling of packaged products containing asbestos*
- 3.1. The following particulars shall appear on clearly legible and indelible labelling on the packaging of packaged products containing asbestos:
- (a) the symbol and relevant indications of danger in accordance with this Annex;
- (b) safety instructions which must be selected in accordance with the particulars in this Annex, inasmuch as they are relevant for the particular product.
- Where additional safety information is provided on the packaging, this shall not weaken or contradict the particulars given in accordance with (a) and (b).
- 3.2. Labelling in accordance with 3.1 shall be effected by means of:
- a label firmly affixed to the packaging, or
  - a (tie-on) label securely attached to the package, or
  - direct printing of the packaging.
- 3.3. Products containing asbestos and which are packaged only in loose plastic wrapping or the like shall be regarded as packaged products and shall be labelled in accordance with 3.2. If products are separated from such packages and placed on the market unpackaged, each of the smallest units supplied shall be accompanied by labelling particulars in accordance with 3.1.
4. *Labelling of unpackaged products containing asbestos*
- For unpackaged products containing asbestos, labelling in accordance with 3.1 shall be effected by means of:
- a label firmly affixed to the product containing asbestos,

- a (tie-on) label securely attached to such product,
- direct printing on the products,

83/478

or, if the abovementioned is not reasonably practicable as in the case of, for example, smallness of size of the product, the unsuitable nature of the product's properties or certain technical difficulties by means of a hand-out with labelling in accordance with 3.1.

5. Without prejudice to Community provisions on safety and hygiene at work, the label affixed to the product which may, in the context of its use, be processed or finished, should be accompanied by any safety instructions which may be appropriate for the product concerned, and in particular by the following:
  - operate if possible out of doors or in a well-ventilated place,
  - preferably use hand tools or low-speed tools equipped, if necessary, with an appropriate dust-extraction facility. If high-speed tools are used, they should always be equipped with such a facility,
  - if possible, dampen before cutting or drilling,
  - dampen dust and place it in a properly closed receptacle and dispose of it safely.
6. The labelling of any product intended for domestic use which is not covered by 5 and which is likely, during use, to release asbestos fibres should, if necessary, contain the following safety instruction: 'replace when worn'.
7. Member States may make the placing on the market in their territory of products containing asbestos subject to the use of their official language or languages on the labelling.

**B. Specific provisions relating to the labelling of products containing PCBs and PCTs**

85/467

Without prejudice to the provisions of other Directives relating to the labelling of dangerous substances and preparations, Member States may require equipment and plant containing PCBs or PCTs also to display instructions concerning the disposal of PCBs and PCTs and the maintenance and use of equipment and plant containing them. These instructions must be capable of being read horizontally when the object containing the PCBs or PCTs is installed in the normal way. The inscription must stand out clearly from its background.

Member States may require the inscription to be in a language which is understood in their territory.

85/647