COUNCIL DIRECTIVE

of 17 February 1981

amending Section 2 of Annex II to Directive 72/276/EEC on the approximation of the laws of the Member States relating to certain methods for the quantitative analysis of binary textile fibre mixtures

(81/75/EEC)

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 100 thereof,

Having regard to the proposal from the Commission (1),

Having regard to the opinion of the European Parliament (2),

Having regard to the opinion of the Economic and Social Committee (3),

Whereas Council Directive 71/307/EEC of 26 July 1971 on the approximation of the laws of the Member States relating to textile names (4), provides for the mandatory labelling of the fibre content of textile products;

Whereas, pursuant to Article 13 of Directive 71/307/EEC, Council Directive 72/276/EEC of 17 July 1972 on the approximation of the laws of the Member States relating to certain methods for the quantitative analysis of binary textile fibre mixtures (5) lays down 13 uniform methods of analysis for most of the textile products composed of binary mixtures that are on the market;

Whereas textile products consisting of polypropylene fibres and certain other fibres and products consisting of chlorofibres based on homopolymers of vinyl chloride and certain other fibres which are also subject to the labelling obligation provided for in Directive 71/307/EEC are not covered by Directive 72/276/EEC; whereas uniform methods of analysis applicable to these products should be established,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Special methods Nos 14 and 15 set out in the Annex to this Directive are hereby added to Section 2 of Annex II to Directive 72/276/EEC.

Article 2

1. Member States shall bring into force the provisions necessary to comply with the Directive within one year of its notification. They shall forthwith inform the Commission thereof.

2 As soon as this Directive has been notified, Member States shall ensure that the Commission is informed, in sufficient time for it to submit its comments, of any draft laws, regulations or administrative provisions which they intend to adopt in the field covered by this Directive.

Article 3

This Directive is addressed to the Member States.

Done at Brussels, 17 February 1981.

For the Council

The President

D. F. van der MEI

(1) OJ No C 283, 13. 11. 1979, p. 4.
(2) OJ No C 117, 12. 5. 1980, p. 80.
(3) OJ No C 113, 7. 5. 1980, p. 35.
(4) OJ No L 185, 16. 8. 1971, p. 16.
(5) OJ No L 173, 31. 7. 1972, p. 1.

ANNEX

METHODS FOR QUANTITATIVE ANALYSIS OF CERTAIN BINARY FIBRE MIXTURES

METHOD No 14

POLYPROPYLENE FIBRES AND CERTAIN OTHER FIBRES

(Xylene method)

1. FIELD OF APPLICATION

This method is applicable, after removal of non-fibrous matter, to binary mixtures of :

1. polypropylene fibres (31)

   with

2. wool (1), animal hair (2 and 3), silk (4), cotton (5), acetate (17), cupro (19), modal (20), triacetate (22), viscose (23), acrylic (24), 'polyamide' or 'nylon' (28), polyester (29) and glass fibre (38).

2. PRINCIPLE

The polypropylene fibre is dissolved out from a known dry mass of the mixture with boiling xylene. The residue is collected, washed, dried and weighed ; its mass, corrected if necessary, is expressed as a percentage of the dry mass of the mixture. The percentage of polypropylene is found by difference.

3. APPARATUS AND REAGENTS (other than those specified in the general instructions)

3.1. **Apparatus**

(i) Glass-stoppered conical flasks of at least 200 ml capacity.

(ii) Reflux condenser (suitable for liquids of high boiling point), fitting the conical flasks (i).

3.2. **Reagent**

Xylene distilling between 137 and 142° C.

Note :

This reagent is highly flammable and has a toxic vapour. Suitable precautions must be taken in its use.

4. TEST PROCEDURE

Follow the procedure described in the general instructions, then proceed as follows :

To the specimen contained in the conical flask (3.1. (i)), add 100 ml of xylene (3.2) per gram of specimen. Attach the condenser (3.1. (ii)), bring the contents to the boil and maintain at boiling point for three minutes. Immediately decant the hot liquid through the weighed filter crucible (see note 1). Repeat this treatment twice more, each time using a fresh 50 ml portion of solvent.

Wash the residue remaining in the flask successively with 30 ml of boiling xylene (twice), then with 75 ml of light petroleum (I.3.2.1 of general instructions) (twice). After the second wash with light petroleum, filter the contents of the flask through the crucible, transfer any residual fibres to the crucible with the aid of a small quantity of light petroleum and allow the solvent to evaporate. Dry the crucible and residue, cool and weigh them.