



BSI Standards Publication

# Footwear — Footwear industry guideline for substances of very high concern (Annex XIV of REACH)

**National foreword**

This Published Document is the UK implementation of CEN/TR 16417:2016. It supersedes PD CEN/TR 16417:2012 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee TCI/69, Footwear.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2016.  
Published by BSI Standards Limited 2016

ISBN 978 0 580 83737 1

ICS 61.060

**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2016.

**Amendments/corrigenda issued since publication**

Date	Text affected
------	---------------

---

TECHNICAL REPORT

**CEN/TR 16417**

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

January 2016

ICS 61.060

Supersedes CEN/TR 16417:2012

English Version

## Footwear - Footwear industry guideline for substances of very high concern (Annex XIV of REACH)

Chaussures - Lignes directrice de l'industrie de la chaussure concernant les substances extrêmement préoccupantes (annexe XIV de REACH)

Schuhe - Leitfaden für die Schuhindustrie für sehr bedenkliche Substanzen (Anhang XIV von REACH)

This Technical Report was approved by CEN on 24 August 2015. It has been drawn up by the Technical Committee CEN/TC 309.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

<b>Contents</b>		Page
<b>European foreword</b> .....		<b>3</b>
<b>1</b>	<b>Scope</b> .....	<b>4</b>
<b>2</b>	<b>Terms and definitions</b> .....	<b>5</b>
<b>3</b>	<b>SVHC potentially present in the footwear industry</b> .....	<b>6</b>
3.1	General .....	6
3.2	SVHC included in Annex XIV of REACH.....	6
3.3	SVHC included in the candidate list of Annex XIV of REACH .....	11
<b>Annex A (informative) Available test methods for the identification of the substances of very high concern given in the future REACH — Annex XIV</b> .....		<b>29</b>
<b>Bibliography</b> .....		<b>39</b>

## European foreword

This document (CEN/TR 16417:2016) has been prepared by Technical Committee CEN/TC 309 "Footwear", the secretariat of which is held by AENOR.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TR 16417:2012.

In comparison with the previous edition, the most significant changes are:

- inclusion of the new substances (Tables 9 to 13) published in the candidate list of Annex XIV of REACH after January 2012;
- substances from Tables 2 to 8 have been transferred to table after their final inclusion in Annex XIV of REACH;
- the new substances of Tables 9 to 13 have been added in the annex.

## 1 Scope

This Technical Report is intended to provide information on the chemicals listed in the Candidate List / Annex XIV of the Regulation (EC) 1907/2006, also known as REACH (Regulation, Evaluation and Authorisation of Chemicals) and their usage and presence in the footwear industry.

The Annex XIV, overseen by the ECHA (European Chemicals Agency), is a list of substances subject to authorization, substances of very high concern (SVHC). Before the inclusion of a substance in the Annex XIV, the procedure is strictly fixed:

- A European member state shall propose it to ECHA.
- ECHA inform all the members' state and a first enquiry is done in order to include the substance to the candidate list of Annex XIV.
- After the agreement of the member's state, ECHA includes the substances in the candidate list to Annex XIV. As soon as a substance has been included in the candidate list, it should be taken into account exactly as a SVHC.
- ECHA prioritizes the substances from the Candidate List to determine which ones should be included in the Authorisation List (Annex XIV of REACH) and therefore, subject to authorization. ECHA regularly submits recommendations to the European Commission, who will decide on the substances to be included in the Authorisation List.

Following the evaluation of the Annex XIV substances, ECHA can take the decision to restrict the substances. This restriction may take the form of an authorization for use, an authorization only for specific applications in specified fields or, in some cases, a complete ban on the use of the substance.

During the evaluation process, these chemicals are not forbidden or limited in use. The regulation requires that the user shall be informed if one or more of these substances are present in any part of the article in quantity over 0,1 % by weight.

This Technical Report shows which of these chemicals may be present in footwear materials and the footwear industry in order to help shoe manufacturers to collect mandatory information from suppliers regarding the content of these chemicals and, at same time, allow them to provide accurate information to their customers.

The test methods reported in Annex A are informative only to identify where these chemicals may be found and control the use along the supply chain where their suppliers are not under the jurisdiction of the REACH Regulation.

Taking into account final decision of the European Commission, ECHA, implements the Annex XIV and the candidate list to Annex XIV of REACH, regularly. This revision interval is difficult to follow by the standardization procedures.

Therefore this document reflects the situation at the date of *June 2014*. This document will be annually revised.

This Technical Report does not concern the substances for which restriction have been already enacted under Annex XVII of REACH.

NOTE Chemicals that are restricted under Annex XVII, are identified as a category 1 chemical in CEN ISO/TR 16178.