

**Adhesives - Terms and definitions**  
**KONSOLIDEERITUD TEKST**

Adhesives - Terms and definitions CONSOLIDATED  
TEXT

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 923:2005+A1:2008 sisaldab Euroopa standardi EN 923:2005+rA1:2008 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 24.04.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 05.03.2008.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 923:2005+A1:2008 consists of the English text of the European standard EN 923:2005+rA1:2008.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 24.04.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 05.03.2008.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

## Adhesives - Terms and definitions

Adhésifs - Termes et définitions

Klebstoffe - Benennungen und Definitionen

This European Standard was approved by CEN on 12 September 2005 and includes Amendment 1 approved by CEN on 7 January 2008.

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## Foreword

This European Standard (EN 923:2005+A1:2008) has been prepared by Technical Committee CEN/TC 193 "Adhesives", the secretariat of which is held by AENOR.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2008 and conflicting national standards shall be withdrawn at the latest by September 2008.

This document includes Amendment 1, approved by CEN on 2008-01-07.

This European Standard supersedes A1 EN 923:2005 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## Introduction

This European Standard comprises terms peculiar to, or in general use in, the adhesive and adhesive processing industry.

The terms defined have been classified so that, as far as possible, related concepts (adhesives, functional adhesive components, chemical base products, adherents, adhesives properties, bonding, and bond properties) are grouped together. All definitions are numbered and an alphabetical index which includes all terms is provided at the end of this European Standard.

The numbering of the individual definitions is the same in all three versions (English, French and German) of this European Standard. Consequently this European Standard can be used as a dictionary, combined with one or both of the other versions as an aid for translation of terms into French or German, as a source of information about related concepts in the adhesive industry or to provide a term for a concept.

In order to find:

- a) the definition of a term; look up the term in the alphabetical index at the end of this European Standard. The index will refer to the number in this European Standard. The definition, the term and any synonyms appear by the number;
- b) information about related terms; look up the term in the alphabetical index to find its number in this European Standard. When the term has been located in this European Standard, the related concepts can be found in the same subdivision;
- c) the translation of a term into the French or German language; look up the number of this term in this European Standard and locate the translation of the term and the definition under the same number in the standard of the foreign version.

## 1 Scope

This European Standard defines terms used in the adhesive industry and terms relating to adhesives in those industries that use adhesives.

## 2 Terms and definitions

### 2.1 Adhesives

#### 2.1.1

##### **adhesive**

non-metallic substance capable of joining materials by surface bonding (adhesion), and the bond possessing adequate internal strength (cohesion)

NOTE Many adhesives names refer to their main functional components;

— the physical nature of the adhesive.

Table A.1 lists main binders, temperature and mode of setting of these adhesives and the number of parts that have to be mixed before use. Some other names refer to

— the method of application, or

— mode of setting.

Furthermore adhesives are named according to points of less significance:

— field of application (e.g. footwear adhesive, construction adhesive, packaging adhesive),

— material to bond (e.g. paper adhesive, wood adhesive, wall paper adhesive, rubber adhesive),

— place of application (e.g. in situ adhesive),

— speed of setting (e.g. instant adhesive),

— bond properties (e.g. structural adhesive),

— shape (e.g. powder adhesive, pearl glue, table glue for solid glue, adhesive film for shaped adhesive, or stick adhesive for stick shaped adhesives), or

— aspect (e.g. white glue).

#### 2.1.2

##### **water-borne adhesive; aqueous adhesive**

adhesive in which the solvent, or the continuous phase is water

#### 2.1.3

##### **glue**

aqueous adhesive specifically designed for bonding of wood and other porous substrates

NOTE A glue can be based on a natural product like protein or synthetic resins (UF, PF or PVAC, see 2.3.51, 2.3.52 and 2.3.30 respectively)

#### 2.1.4

##### **paste adhesive**

adhesive of a non-stringy, highly viscous nature