



American National Standard/
American Dental Association
Standard No. 135

Denture Adhesives

Identical adoption of ISO 10873:2010, Denture adhesives

ADA American
Dental
Association®
Council on
Scientific Affairs

2015

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**AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD
NO. 135 FOR DENTURE ADHESIVES**

The Council on Scientific Affairs of the American Dental Association has approved American Dental Association Standard No. 135 for Denture Adhesives. This and other standards for dental materials, instruments and equipment are being formulated by working groups of the ADA Standards Committee on Dental Products (formerly Accredited Standards Committee MD156 for Dental Materials, Instruments and Equipment). The Committee has representation from all interests in the United States in the standardization of materials, instruments and equipment in dentistry. The Council has adopted the standards, showing professional recognition of their usefulness in dentistry, and has forwarded them to the American National Standards Institute with a recommendation that the standards be approved as American National Standards. The American National Standards Institute granted approval of ADA Standard No. 135 as an American National Standard on December 17, 2015.

The ADA Standards Committee on Dental Products thanks the members of Working Group 1.4 and the organizations with which they were affiliated at the time the standard was developed:

Clifton Carey (chairman), University of Colorado, Aurora;
Jeff Zawada, A-dec, Inc., Newberg, OR;
J. Robert Kelly, University of Connecticut, Farmington;
Jack Amburgey, Procter & Gamble, Mason, OH;
John Ball, University of Missouri-Kansas, Kansas City;
P.L. Fan, Individual Representative, Santa Fe, NM;
Kenneth Kent, University of Pennsylvania, Philadelphia;
Kenneth Kurtz, Montefiore Medical Center, New Hyde Park, NY;
Robert J. Gambogi, Johnson & Johnson, Skillman, NY;
Eva Schneiderman, Procter & Gamble, Mason, OH;
Burton Schmuck, Washington State University, Pullman;
Scott Erickson, 3M ESPE Dental Products, Saint Paul, MN;
Bruce Schemehorn, Therametric Technologies, Inc., Noblesville, IN;
Jamie Spomer, American Dental Association, Chicago, IL; and
Thomas DiLauro, Individual Representative Mahwah, NJ.

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DENTURE ADHESIVES

FOREWORD

(This Foreword does not form a part of ANSI/ADA Standard No. 135 for Denture Adhesives).

This standard is an identical adoption of ISO 10873:2010, Dentistry-Denture adhesives. ADA SCDP Working Group 7.67 on Denture Adhesives reviewed the international standard and found it acceptable for adoption as ANSI/ADA Standard No. 135.

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DENTURE ADHESIVES

1 Scope

This standard classifies denture adhesives used by wearers of removable dentures; it also specifies requirements, test methods and instructions to be supplied for the use of such products.

This standard is applicable to denture adhesives for use by the public and excludes the dental lining materials prescribed or applied by dental professionals.

This standard does not specify qualitative or quantitative requirements for freedom from biological hazards. For assessing possible biological hazards, see ISO 7405 and ISO 10993-1.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1942, *Dentistry — Vocabulary*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

ISO 7823-2, *Plastics — Poly(methyl methacrylate) sheets — Types, dimensions and characteristics — Part 2 Extruded sheets*

ISO 8601, *Data elements and interchange formats — Information interchange — Representation of dates and times*

(ISO standards for dentistry are available from the American Dental Association, Department of Standards, 211 E. Chicago Ave., Chicago, IL 60611 or www.adacatalog.org. Other ISO standards are available from the American National Standards Institute, 25 W. 43rd St., New York, NY 10036 or www.ansi.org).

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942 and the following apply.

3.1

denture adhesives

denture product placed on the intaglio surface (fitting surface) of a removable denture to temporarily improve its retention to soft supporting tissues

3.2

glue type

denture adhesive in powder, cream, sheet or tape form with water-soluble polymer as adhesive constituent

3.3

liner type

denture adhesive in non-aqueous paste form