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American National Standard/
American Dental Association
Specification No. 16

Dental Impression Paste — Zinc Oxide-Eugenol Type

American Dental Association
Council on Scientific Affairs 1962

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AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION SPECIFICATION NO. 16 FOR DENTAL IMPRESSION PASTE – ZINC OXIDE-EUGENOL TYPE

1 SCOPE AND CLASSIFICATION

1.1 Scope

This specification is for dental impression paste, the reactive ingredients of which are zinc oxide and eugenol.

1.2 Types

The impression paste covered by this specification shall be of the following types as specified by the purchaser:

Type I. Hard
Type II. Soft

2 APPLICABLE SPECIFICATIONS

2.1 Specification

There are no other specifications applicable to this specification. (Copies of American Dental Association specifications may be obtained upon application to the American Dental Association, Dept. of Standards Administration, 211 E. Chicago Ave., Chicago, IL 60611

3 REQUIREMENTS

3.1 Material

The unit package of paste shall consist of two collapsible tubes; one containing the zinc oxide paste, and the other containing the eugenol paste.

3.1.1 Extrusion and mixing

Both pastes shall be of such consistency that they can be easily extruded from collapsible tubes. The pastes shall mix readily when spatulated on a slab in the usual dental manner.

3.1.2 Color

The zinc oxide paste and the eugenol paste shall be of contrasting colors.

3.1.3 Homogeneity

The zinc oxide paste and eugenol paste shall be clean and homogeneous, that is, free of foreign material, granules and crystals.

3.2 Chemical properties