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AMENDMENT 1
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Dentistry — Elastomeric impression materials

AMENDMENT 1

Art dentaire — Produits pour empreintes, à base d'élastomères

AMENDEMENT 1

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ISO 4823:2000/Amd 1:2007

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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

Amendment 1 to ISO 4823:2000 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 2, *Prosthetic materials*.

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Dentistry — Elastomeric impression materials

AMENDMENT 1

This amendment to ISO 4823-2000 exempts the Type 0 (putty) elastomeric impression materials from compliance with the working time requirement specified in 6.3.

Page 3, subclause 6.3

Subclause 6.3 is restructured as shown below to clarify matters pertinent to this exemption.

6.3 Working time (Types 1, 2 and 3 only)

When tested in accordance with 9.3, the working time shall not be less than that stated in the manufacturer's instructions [10.3 f)] and shall be at least 30 s longer than the time required to obtain a homogeneous mixture of the components (see 6.2 and 9.1).

NOTE Currently, Type 0 materials are exempt from compliance with the working time requirement for the following reasons:

- because some of these materials, which are otherwise satisfactory for the purpose intended, have at least one component which, even before being combined in a mixture, exhibit an inherent elasticity behaviour that will not permit the mixed material to provide for objectively generated working time data when tested in accordance with 9.3

and

- because as of now, extensive inter-laboratory testing has not resulted in discovery of reliable ways in which the currently prescribed procedures can be modified to provide for objective working time testing of the materials exhibiting inherent elasticity behaviour; nor has such testing led to the development of an effective new approach for solving the problem.

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