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Dentistry — Polymer-based pit and fissure sealants

Médecine bucco-dentaire — Produits dentaires à base de polymères pour comblement des puits et fissures



Reference number
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Foreword

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The committee responsible for this document is ISO/TC 106, *Dentistry*, Subcommittee SC1, *Filling and restorative materials*.

This third edition cancels and replaces the second edition (ISO 6874:2005), of which it constitutes a minor revision.

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Introduction

The efficacy of pit and fissure sealants for the prevention of dental caries is widely accepted. The polymer-based materials intended for this purpose and covered by this International Standard harden by a free-radical polymerisation reaction that is either initiated by mixing components or by external energy, e.g. visible light.

Specific qualitative and quantitative requirements for freedom from biological hazard are not included in this International Standard but, when assessing possible biological hazards, reference can be made to ISO 10993 (all parts) and ISO 7405.