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Date: 2024-xx

Paints and varnishes — Determination of volatile organic compounds (VOC) and/or semi-volatile organic compounds (SVOC) content

Part 1:
Gravimetric method for VOC determination

Peintures et vernis — Détermination de la teneur en ~~composes~~composés organiques volatils (COV) et/ou composés organiques semi-volatils (COSV)

Partie 1: Méthode gravimétrique pour la détermination des COV

FDIS stage

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 16, *Chemical analysis*.

This third edition cancels and replaces the second edition (ISO 11890-1:2007), which has been technically revised.

The main changes are as follows:

— In the scope, for coating materials identified as case 1, the expected VOC content that can be determined by this document has been lowered from greater than 15 % to greater than 5 %, and matrices that were not previously covered by this document have been added;

— the scope has been expanded to include multi-pack coating materials, described as case 2 and radiation curable coating materials, described as case 3;

— the test method of non-volatile-matter content for multi-pack coating materials and radiation curable coating materials has been added;

A list of all parts in the ISO 11890 series can be found on the website.

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Introduction

Due to the revision of ISO 11890-2, a revision of ISO 17895 and this document became necessary in order to avoid overlapping scopes. Additionally, ISO/TR 5601 was published as an informative document to help users selecting the appropriate analytical method for their analytical problem.

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