



# SLOVENSKI STANDARD SIST EN ISO 9454-2:2001

01-maj-2001

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**Talila za mehko spajkanje - Razvrstitev in zahteve - 2. del: Zahtevane lastnosti (ISO 9454-2:1998)**

Soft soldering fluxes - Classification and requirements - Part 2: Performance requirements (ISO 9454-2:1998)

Flußmittel zum Weichlöten - Einteilung und Anforderungen - Teil 2: Eignungsanforderungen (ISO 9454-2:1998)

Flux de brasage tendre - Classification et caractéristiques - Partie 2: Prescriptions de performance (ISO 9454-2:1998)

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**Ta slovenski standard je istoveten z: EN ISO 9454-2:2000**

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**ICS:**

25.160.50      Trdo in mehko lotanje      Brazing and soldering

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 9454-2

April 2000

ICS 25.160.50

English version

## Soft soldering fluxes - Classification and requirements - Part 2: Performance requirements (ISO 9454-2:1998)

Flux de brasage tendre - Classification et caractéristiques -  
Partie 2: Prescriptions de performance (ISO 9454-2:1998)

Flußmittel zum Weichlöten - Einteilung und Anforderungen -  
Teil 2: Eignungsanforderungen (ISO 9454-2:1998)

This European Standard was approved by CEN on 10 March 2000.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Page 2  
EN ISO 9454-2:2000

## Foreword

The text of the International Standard from Technical Committee ISO/TC 44 "Welding and allied processes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## Endorsement notice

The text of the International Standard ISO 9454-2:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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STANDARD PREVIEW  
THIS IS A PREVIEW OF THE STANDARD  
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## Annex ZA (normative)

### Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 9454-1	1990	Soft soldering fluxes - Classification and requirements - Part 1: Classification, labelling and packaging	EN 29454-1	1993
ISO 9455-1	1990	Soft soldering fluxes - Test methods - Part 1: Determination of non-volatile matter, gravimetric method	EN 29455-1	1993
ISO 9455-2	1993	Soft soldering fluxes - Test methods - Part 2: Determination of non-volatile matter, ebulliometric method	EN ISO 9455-2	1995
ISO 9455-3	1992	Soft soldering fluxes - Test methods - Part 3: Determination of acid value, potentiometric and visual titration method	EN ISO 9455-3	1994
ISO 9455-5	1992	Soft soldering fluxes - Test methods - Part 5: Copper mirror test	EN 29455-5	1993
ISO 9455-6	1995	Soft soldering fluxes - Test methods - Part 6: Determination and detection of halide (excluding fluoride) content	EN ISO 9455-6	1997
ISO 9455-8	1991	Soft soldering fluxes - Test methods - Part 8: Determination of zinc content	EN 29455-8	1993
ISO 9455-9	1993	Soft soldering fluxes - Test methods - Part 9: Determination of ammonia content	EN ISO 9455-9	1995
ISO 9455-10	1998	Soft soldering fluxes - Test methods - Part 10: Flux efficacy test, solder spread method	EN ISO 9455-10	2000
ISO 9455-11	1991	Soft soldering fluxes - Test methods - Part 11: Solubility of flux residues	EN 29455-11	1993
ISO 9455-12	1992	Soft soldering fluxes - Test methods - Part 12: Steel tube corrosion test	EN ISO 9455-12	1994
ISO 9455-13	1996	Soft soldering fluxes - Test methods - Part 13: Determination of flux spattering	EN ISO 9455-13	1999
ISO 9455-14	1991	Soft soldering fluxes - Test methods - Part 14: Assessment of tackiness of flux residues	EN 29455-14	1993
ISO 9455-15	1996	Soft soldering fluxes - Test methods - Part 15: Copper corrosion test	EN ISO 9455-15	1999

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# INTERNATIONAL STANDARD

**ISO**  
**9454-2**

First edition  
1998-08-15

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## Soft soldering fluxes — Classification and requirements —

### Part 2: Performance requirements

*Flux de brasage tendre — Classification et caractéristiques —*

*Partie 2: Prescriptions de performance*

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Reference number  
ISO 9454-2:1998(E)

Contents	Page
1 Scope .....	1
2 Normative references .....	1
3 Definitions .....	2
4 Flux condition .....	2
5 Performance requirements for fluxes .....	3
Annex A (informative) Bibliography .....	7

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## Foreword

ISO (the International Standards Organization) is a worldwide federation of national standards bodies (ISO members). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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.

International Standard ISO 9454-2 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, subcommittee SC12, *Soldering and brazing materials*

ISO 9454 consists of the following parts, under the general title *Soft soldering fluxes — Classification and requirements*:

- *Part 1: Classification, labelling and packaging*
- *Part 2: Performance requirements*

Annex A of this part of ISO 9454 is for information only.

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