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From:	Secretary-General of the European Commission, signed by Ms Martine DEPREZ, Director
date of receipt:	8 September 2025
To:	Ms Thérèse BLANCHET, Secretary-General of the Council of the European Union
No. Cion doc.:	C(2025) 5940 final - Annex
Subject:	ANNEX to Commission Delegated Directive amending Directive 2011/65/EU of the European Parliament and of the Council as regards an exemption for lead in glass or ceramic components

Delegations will find attached document C(2025) 5940 final - Annex.

Encl.: C(2025) 5940 final - Annex



EUROPEAN
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Brussels, 8.9.2025
C(2025) 5940 final

ANNEX

ANNEX

to

Commission Delegated Directive

**amending Directive 2011/65/EU of the European Parliament and of the Council as
regards an exemption for lead in glass or ceramic components**

ANNEX

Annex III to Directive 2011/65/EU is amended as follows:

(1) points 7(c)-I and 7(c)-II are replaced by the following:

‘7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound	Applies to all categories and expires on 30 June 2027.
7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher	Applies to all categories (except applications covered by point 7(c)-I or 7(c)-IV) and expires on 31 December 2027.’

(2) the following points 7(c)-V and 7(c)-VI are added:

‘7(c)-V	<p>Electrical and electronic components containing lead in a glass or glass matrix compound that fulfils any of the following functions:</p> <ol style="list-style-type: none">1) for protection and electrical insulation in glass beads of high-voltage diodes and glass layers for wafers ;2) for hermetic sealing between ceramic, metal and/or glass parts;3) for bonding purposes in a process parameter window for < 500 °C combined with a viscosity of 1013.3 dPas (‘glass-transition temperature’);4) for use as a resistive material such as ink, with a resistivity range from 1 ohm/square to 100 megohm/square, excluding trimmer potentiometers;5) for use in chemically modified glass surfaces for microchannel plates (MCPs), channel electron multipliers (CEMs) and resistive glass products (RGPs).	Applies to all categories and expires on 31 December 2027.
7(c)-VI	<p>Electrical and electronic components containing lead in a ceramic that fulfils any of the following functions:</p> <ol style="list-style-type: none">1) for use in piezoelectric lead zirconium titanate (PZT) ceramics;2) for providing ceramics with a positive temperature coefficient (PTC).	Applies to all categories (except applications covered by points 7(c)-II, 7(c)-III and 7(c)-IV of this Annex as well as point 14 of Annex IV) and expires on 31

		December 2027.’
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