



Council of the  
European Union

Brussels, 15 February 2023  
(OR. en)

---

---

**Interinstitutional File:**  
**2023/0033(COD)**

---

---

6417/23  
ADD 1

SOC 110  
EMPL 69  
SAN 77  
IA 21  
CODEC 192

#### COVER NOTE

---

From: Secretary-General of the European Commission, signed by Ms Martine DEPREZ, Director

date of receipt: 13 February 2023

To: Ms Thérèse BLANCHET, Secretary-General of the Council of the European Union

---

No. Cion doc.: COM(2023) 71 final - Annexes 1 to 2

---

Subject: ANNEXES to the proposal for a Directive of the European Parliament and of the Council amending Council Directive 98/24/EC and Directive 2004/37/EC of the European Parliament and of the Council as regards the limit values for lead and its inorganic compounds and diisocyanates

---

Delegations will find attached document COM(2023) 71 final - Annexes 1 to 2.

---

Encl.: COM(2023) 71 final - Annexes 1 to 2



Brussels, 13.2.2023  
COM(2023) 71 final

ANNEXES 1 to 2

## **ANNEXES**

**to the**

**proposal for a Directive of the European Parliament and of the Council**

**amending Council Directive 98/24/EC and Directive 2004/37/EC of the European Parliament and of the Council as regards the limit values for lead and its inorganic compounds and diisocyanates**

{SEC(2023) 67 final} - {SWD(2023) 34 final} - {SWD(2023) 35 final} -  
{SWD(2023) 36 final}

## ANNEX I

Annex I to Directive 98/24/EC is replaced by the following:

### *‘ANNEX I*

#### **LIST OF BINDING OCCUPATIONAL EXPOSURE LIMIT VALUES**

Name of agent	EC No. ( <sup>1</sup> )	CAS No. ( <sup>2</sup> )	Limit values					Notation	Transitional measures
			8 hours ( <sup>3</sup> )			Short-term ( <sup>4</sup> )			
			$\mu\text{g}/\text{m}^3$ ( <sup>5</sup> )	Ppm ( <sup>6</sup> )	f/ml ( <sup>7</sup> )	$\mu\text{g}/\text{m}^3$	ppm		
Diisocyanates			6			12		Skin ( <sup>8</sup> )  Dermal and respiratory sensitisation ( <sup>9</sup> )	The limit value of $10 \mu\text{g}/\text{m}^3$ in relation to a reference period of eight hours and a short-term exposure limit value of $20 \mu\text{g}/\text{m}^3$ shall apply until 31 December 2028.

(<sup>1</sup>) EC No, i.e., Eines, ELINCS or NLP, is the official number of the substance within the European Union, as defined in Section 1.1.1.2 in Annex VI, Part 1, to Regulation (EC) No 1272/2008.

(<sup>2</sup>) CAS No: Chemical Abstract Service Registry Number.

(<sup>3</sup>) Measured or calculated in relation to a reference period of eight hours time-weighted average (TWA).

(<sup>4</sup>) Short-term exposure limit (STEL). A limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

(<sup>5</sup>)  $\mu\text{g}/\text{m}^3$  = micrograms per cubic metre of air.

(<sup>6</sup>) ppm = parts per million by volume in air (ml/m<sup>3</sup>).

(<sup>7</sup>) f/ml = fibres per millilitre.

(<sup>8</sup>) The substance can cause sensitisation of the skin.

(<sup>9</sup>) The substance can cause sensitisation of the skin and of the respiratory tract.?

## ANNEX II

Annexes III and IIIa to Directive 2004/37/EC are amended as follows:

- (1) in Annex III, point A,  
the row related to inorganic lead and its compounds is replaced by the following:

Name of agent	EC No ( <sup>1</sup> )	CAS No ( <sup>2</sup> )	Limit values						Notation	Transitional measures
			8 hours ( <sup>3</sup> )			Short-term ( <sup>4</sup> )				
			mg/m <sup>3</sup> ( <sup>5</sup> )	Ppm ( <sup>6</sup> )	f/ml ( <sup>7</sup> )	mg/m <sup>3</sup>	ppm	f/ml		
Inorganic lead and its compounds			0.03							

(<sup>1</sup>) EC No, i.e. Eines, ELINCS or NLP, is the official number of the substance within the European Union, as defined in Section 1.1.1.2 in Annex VI, Part 1, to Regulation (EC) No 1272/2008.

(<sup>2</sup>) CAS No: Chemical Abstract Service Registry Number.

(<sup>3</sup>) Measured or calculated in relation to a reference period of eight hours time-weighted average (TWA).

(<sup>4</sup>) Short-term exposure limit (STEL). A limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

(<sup>5</sup>) mg/m<sup>3</sup> = milligrams per cubic metre of air at 20 °C and 101,3 kPa (760 mm mercury pressure).

(<sup>6</sup>) ppm = parts per million by volume in air (ml/m<sup>3</sup>).

(<sup>7</sup>) f/ml = fibres per millilitre.;

- (2) Annex IIIa is replaced by the following:

### *‘ANNEX IIIa*

#### **BIOLOGICAL LIMIT VALUES AND HEALTH SURVEILLANCE MEASURES**

##### *(Article 16(4))*

Lead and its ionic compounds

Biological monitoring must include measuring the blood-lead level (PbB) using absorption spectrometry or a method giving equivalent results. The binding biological limit value is:

15 µg Pb/100 ml blood (<sup>1</sup>)

Medical surveillance is carried out if exposure to a concentration of lead in air is greater than 0,015 mg/m<sup>3</sup>, calculated as a time-weighted average over 40 hours per week, or a blood-lead level greater than 9 µg Pb/100 ml blood is measured in individual workers.

(<sup>1</sup>) It is recommended that the blood lead level in women of childbearing age does not exceed the reference values of the general population not occupationally exposed to lead in the respective EU Member State. When national reference levels are not available, it is recommended that blood lead levels in women of childbearing age do not exceed the Biological Guidance Value of 4.5 µg/100ml.’