

1990 No. 2026

HEALTH AND SAFETY

**The Control of Substances Hazardous to Health
(Amendment) Regulations 1990**

<i>Made</i> - - - -	<i>8th October 1990</i>
<i>Laid before Parliament</i>	<i>25th October 1990</i>
<i>Coming into force</i>	<i>1st January 1991</i>

The Secretary of State, in exercise of the powers conferred on him by section 15(1) of the Health and Safety at Work etc. Act 1974(a) ("the 1974 Act") and of all other powers enabling him in that behalf and for the purpose of giving effect without modifications to proposals submitted to him by the Health and Safety Commission under section 11(2)(d) of the 1974 Act after the carrying out by the said Commission of consultations in accordance with section 50(3) of that Act, hereby makes the following Regulations:—

Citation, commencement and interpretation

1.—(1) These Regulations may be cited as the Control of Substances Hazardous to Health (Amendment) Regulations 1990 and shall come into force on 1st January 1991.

(2) In these regulations, unless the context otherwise requires, "the principal Regulations" means the Control of Substances Hazardous to Health Regulations 1988(b).

Amendment to the principal Regulations

2. For Schedule 1 to the principal Regulations there shall be substituted the Schedule set out in the Schedule to these Regulations.

Signed by order of the Secretary of State.

8th October 1990

Eric Forth
Parliamentary Under Secretary of State,
Department of Employment

(a) 1974 c. 37; sections 15 and 50 were amended by Schedule 15 to the Employment Protection Act 1975 (c.71), paragraphs 6 and 16 respectively.

(b) S.I. 1988/1657.

THE SCHEDULE

Regulation 2

SCHEDULE TO BE SUBSTITUTED AS SCHEDULE 1 TO THE PRINCIPAL REGULATIONS

SCHEDULE 1 Regulations 2(1), 7(4) and 12(2)

LIST OF SUBSTANCES ASSIGNED TO MAXIMUM EXPOSURE LIMITS

The maximum exposure limits of the dusts included in the list below refer to the total inhalable dust fraction, unless otherwise stated.

Substance	Formula	Reference periods			
		Long-term maximum exposure limit (8-hour TWA reference period)		Short-term maximum exposure limit (10-minute reference period)	
		ppm	mg m ⁻³	ppm	mg m ⁻³
Acrylamide	CH ₂ =CHCONH ₂	—	0.3	—	—
Acrylonitrile	CH ₂ =CHCN	2	4	—	—
Arsenic & compounds except arsine (as As)	As	—	0.1	—	—
Benzene	C ₆ H ₆	5	15	—	—
Buta-1, 3-diene	CH ₂ =CHCH=CH ₂	10	22	—	—
2-Butoxyethanol	C ₄ H ₉ OCH ₂ CH ₂ OH	25	120	—	—
Cadmium & cadmium compounds, except cadmium oxide fume and cadmium sulphide pigments (as Cd)	Cd	—	0.05	—	—
Cadmium oxide fume (as Cd)	CdO	—	0.05	—	0.05
Cadmium sulphide pigments (respirable dust as Cd)	CdS	—	0.04	—	—
Carbon disulphide	CS ₂	10	30	—	—
1,2-Dibromoethane (Ethylene dibromide)	BrCH ₂ CH ₂ Br	0.5	4	—	—
Dichloromethane	CH ₂ Cl ₂	100	350	—	—
2,2'-Dichloro-4,4'-methylene dianiline (MBOCA)	CH ₂ (C ₆ H ₃ ClNH ₂) ₂	—	0.005	—	—
2-Ethoxyethanol	C ₂ H ₅ OCH ₂ CH ₂ OH	10	37	—	—
2-Ethoxyethyl acetate	C ₂ H ₅ OCH ₂ CH ₂ OOCCH ₃	10	54	—	—
Ethylene oxide	CH ₂ CH ₂ O	5	10	—	—
Formaldehyde	HCHO	2	2.5	2	2.5
Hydrogen cyanide	HCN	—	—	10	10
Isocyanates, all (as-NCO)		—	0.02	—	0.07
* Man-made mineral fibre		—	5	—	—
2-Methoxyethanol	CH ₃ OCH ₂ CH ₂ OH	5	16	—	—
2-Methoxyethyl acetate	CH ₃ COOCH ₂ CH ₂ OCH ₃	5	24	—	—
Rubber process dust		—	8	—	—
† Rubber fume		—	0.6	—	—
Styrene	C ₆ H ₅ CH=CH ₂	100	420	250	1050
1,1,1-Trichloroethane	CH ₃ CCl ₃	350	1900	450	2450
Trichloroethylene	CCl ₂ =CHCl	100	535	150	802
‡ Vinyl chloride	CH ₂ =CHCl	7	—	—	—
Vinylidene chloride	CH ₂ =CCl ₂	10	40	—	—
Wood dust (hard wood)		—	5	—	—

* In addition to the maximum exposure limit specified above man-made mineral fibre is also subject to a maximum exposure limit of 2 fibres ml⁻¹, 8-hour TWA, when measured or calculated by a method approved by the Health and Safety Commission.

† Limit relates to cyclohexane soluble material.

‡ In addition to the maximum exposure limit specified above vinyl chloride is also subject to an overriding annual maximum exposure limit of 3 ppm.

EXPLANATORY NOTE

(This note is not part of the Regulations)

1. These Regulations amend the Control of Substances Hazardous to Health Regulations 1988 ("the principal Regulations") by substituting for Schedule 1 to the principal Regulations the Schedule set out in the Schedule to these Regulations. Schedule 1 specifies maximum exposure limits for certain substances which are hazardous to health.

2. The Schedule introduces new maximum exposure limits for benzene, acrylamide, and an additional maximum exposure limit for man made mineral fibres. Amendments are also made to the existing maximum exposure limits for ethylene dibromide, arsenic and its compounds and for rubber fume. One maximum exposure limit, that for 1-methoxy-2-propanol, has been removed from the Schedule.