

H12MDI (CAS 5124-30-1)								
Country	Regulatory list	Date of Revision	Value type	Expressed as	Value in ppm (standard unit)	Value in mg/m3 (standard unit)	Category short time exposure	Remarks
Australia	AU OEL	08 2005	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		
Australia	AU OEL	08 2005	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		
Austria	MAK (AT)	09 2007	MAK: MAK:		0.005 ppm	0.054 mg/m3		
Austria	MAK (AT)	09 2007	MAK CEIL: MAK Ceiling Limit Value:		0.005 ppm	0.054 mg/m3		
Austria	MAK (AT)	09 2007	SKIN_DES: Skin designation:					SKIN: Can be absorbed through the skin.
Belgium	OEL (BE)	06 2009	TWA: Time Weighted Average (TWA):		0.005 ppm	0.055 mg/m3		
Canada Alberta	CAD AB OEL	07 2009	TWA: Time Weighted Average (TWA):		0.005 ppm	0.05 mg/m3		
Canada British Columbia	CAD BC OEL	07 2007	TWA: Time Weighted Average (TWA):		0.005 ppm			
Canada British Columbia	CAD BC OEL	07 2007	CEILING: Ceiling Limit Value:		0.01 ppm			
Canada Ontario	CAD ON OEL	07 2010	TWAEV: Time Weighted Average (TWAEV):		0.005 ppm			
Canada Ontario	CAD ON OEL	07 2010	CEV: Ceiling Limit Value (CEV):		0.02 ppm			
Canada Saskatchewan	CAD SK OEL	05 2009	8 HR ACL: 8 hour average contamination limit:		0.005 ppm			
Canada Saskatchewan	CAD SK OEL	05 2009	15 MIN ACL: 15 minute average contamination limit:		0.015 ppm			
Canada Quebec	OEL (QUE)	12 2008	TWA: Time Weighted Average (TWA):		0.005 ppm	0.054 mg/m3		MIN EXP: Exposure must be minimized.
Denmark	MAK (DA)	03 2008	GV: Threshold Limit Values (TLV):		0.005 ppm	0.054 mg/m3		
Estonia	EST OEL	09 2001	TWA: Time Weighted Average (TWA):		0.005 ppm			
Estonia	EST OEL	09 2001	CEILING: Ceiling Limit Value:		0.01 ppm		5 MIN: 5 minutes	
Finland	HTP-ARVOT	2009	HTP 15MIN: Short Term Exposure Limit (STEL):	NCO: as NCO		0.035 mg/m3		HPT: Known Harmful Concentration (Liite 1).
Germany	DFG MAK	2009						NODATA: Included in the regulation but with no data values. See regulation for further details
Greece	GR OEL	09 2001	TWA: Time Weighted Average (TWA):		0.01 ppm	0.11 mg/m3		
Greece	GR OEL	09 2001	STEL: Short Term Exposure Limit (STEL):		0.01 ppm	0.11 mg/m3		
Hong Kong	HK OEL	10 1998	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		

Hong Kong	HK OEL	10 1998	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		
Iceland	IS OEL	04 2009	TWA: Time Weighted Average (TWA):		0.005 ppm	0.054 mg/m3		
Indonesia	ID OEL	1997	NAB: Time Weighted Average (TWA):		0.005 ppm	0.054 mg/m3		
Ireland	ELV (IE)	2007	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		
Ireland	ELV (IE)	2007	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		
Italy	OEL (IT)	2009	TWA: Time Weighted Average (TWA):		0.005 ppm			ACGIH: Source of Limit value: ACGIH
Lithuania	LT OEL	12 2001	NRV: Ceiling Limit Value:		0.01 ppm			
Lithuania	LT OEL	12 2001	IPRV: Time Weighted Average (TWA):		0.005 ppm			
Malaysia	MY OEL	03 2000	TWA: Time Weighted Average (TWA):		0.005 ppm	0.054 mg/m3		
Mexico	MX OEL	05 1996						LISTED: Listed.
Mexico	MX OEL	03 2000	CPT: Time Weighted Average (TWA):		0.01 ppm	0.11 mg/m3		
New Zealand	NZ OEL	09 2010	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		nzo2: Note: These values apply to all isocyanates. including prepolymers. present in the workplace air as vapours. mist or dust.
New Zealand	NZ OEL	09 2010	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		nzo2: Note: These values apply to all isocyanates. including prepolymers. present in the workplace air as vapours. mist or dust.
Norway	ELV (NO)	03 2009	NORMEN: Threshold Limit Value:		0.005 ppm	0.05 mg/m3		
Norway	ELV (NO)	03 2009	STEL: Short Term Exposure Limit (STEL):		0.01 ppm			
Portugal	PT VLE	2004	TWA: Time Weighted Average (TWA):		0.005 ppm			
Serbia	CS OEL	09 1991	MAC: MAC Value:		0.11 ppm	0.11 mg/m3		
Singapore	SG OEL	01 1997	TWA: Time Weighted Average (TWA):		0.005 ppm	0.054 mg/m3		
Slovakia	SLK NPEL	06 2007	CEILING: Ceiling Limit Value:			0.07 mg/m3		
Slovakia	SLK NPEL	06 2007	TWA: Time Weighted Average (TWA):			0.02 mg/m3		
Slovenia	SI OEL	06 2007	TWA: Time Weighted Average (TWA):			0.054 mg/m3		
Slovenia	SI OEL	06 2007	SKIN_DES: Skin designation:					SKIN: Can be absorbed through the skin.
Spain	VLA (ES)	2010	VLA-ED: Time Weighted Average (TWA):		0.005 ppm	0.055 mg/m3		
Sweden	TLV (SE)	2007						MED REQ: Medical control is required when handling the substance.
Sweden	TLV (SE)	2007	NGV: Time Weighted Average (TWA):		0.002 ppm			
Sweden	TLV (SE)	2007	TGV: Ceiling Limit Value:		0.005 ppm			
Switzerland	SUVA	2009	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		

Switzerland	SUVA	2009	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.02 mg/m3		
The Netherlands	MAC (NL)	2002	MAC-C: Ceiling Limit Value:		0.01 ppm	0.11 mg/m3		
The Netherlands	MAC (NL)	2000	SKIN_DES: Skin designation:					SKIN: Can be absorbed through the skin.
UK	EH40 WEL	2007	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		
UK	EH40 WEL	2007	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		
USA	ACGIH	01 2010	TWA: Time Weighted Average (TWA):		0.005 ppm			
USA California	US CA OEL	08 2010	TWA PEL: Time Weighted Average (TWA) Permissible Exposure Limit (PEL):		0.005 ppm	0.054 mg/m3		

HDI (CAS 822-06-0)

Country	Regulatory list	Revision	Value type	Form of exposure	Expressed as	Additional Information	Value in ppm (standard unit)	Value in mg/m3 (standard unit)	Value in non-standard unit	Non-standard unit	Category short time exposure	Remarks
Australia	AU OEL	08 2005	TWA: Time Weighted Average (TWA):		NCO: as NCO			0.02 mg/m3				
Australia	AU OEL	08 2005	STEL: Short Term Exposure Limit (STEL):		NCO: as NCO			0.07 mg/m3				
Austria	MAK (AT)	09 2007	MAK:				0.005 ppm	0.035 mg/m3				
Austria	MAK (AT)	09 2007	MAK CEIL: MAK Ceiling Limit Value:				0.005 ppm	0.035 mg/m3				
Belgium	OEL (BE)	06 2009	TWA: Time Weighted Average (TWA):				0.005 ppm	0.034 mg/m3				
Bulgaria	BG OEL	2004	TWA: Time Weighted Average (TWA):					0.1 mg/m3				
Canada Alberta	CAD AB OEL	07 2009	TWA: Time Weighted Average (TWA):				0.005 ppm	0.03 mg/m3				
Canada Ontario	CAD ON OEL	2007	TWAEV: Time Weighted Average (TWAEV):						0.2	MICROMOLES/M3: micromoles/m3		
Canada Ontario	CAD ON OEL	07 2010	TWAEV: Time Weighted Average (TWAEV):				0.005 ppm					
Canada Ontario	CAD ON OEL	2007	CEV: Ceiling Limit Value (CEV):						0.8	MICROMOLES/M3: micromoles/m3		
Canada Ontario	CAD ON OEL	07 2010	CEV: Ceiling Limit Value (CEV):				0.02 ppm					
Canada Ontario	CAD ON OEL	2007										TOX AVOID EXPOSURE: Known toxic agent for which exposure values have not been established and to which any exposure should be avoided.
Canada British Columbia	CAD BC OEL	07 2007	TWA: Time Weighted Average (TWA):				0.005 ppm					
Canada British Columbia	CAD BC OEL	07 2007	CEILING: Ceiling Limit Value:				0.01 ppm					
Canada Quebec	OEL (QUE)	12 2008	TWA: Time Weighted Average (TWA):				0.005 ppm	0.034 mg/m3				MIN EXP: Exposure must be minimized.
Canada Saskatchewan	CAD SK OEL	05 2009	8 HR ACL: 8 hour average contamination limit:				0.005 ppm					
Canada Saskatchewan	CAD SK OEL	05 2009	15 MIN ACL: 15 minute average contamination limit:				0.015 ppm					
China	CN OEL	03 2008	TWA: Time Weighted Average (TWA):					0.03 mg/m3				
Czech Republic	CZ OEL	12 2007	TWA: Time Weighted Average (TWA):					0.035 mg/m3				
Czech Republic	CZ OEL	12 2007	NPK-P: Ceiling Limit Value:					0.07 mg/m3				
Denmar	DK OS	08 2007	GV: Threshold Limit Values (TLV):				0.005 ppm					
Denmarl	MAK (DA)	03 2008	GV: Threshold Limit Values (TLV):				0.005 ppm	0.035 mg/m3				

Estonia	EST OEL	09 2001	TWA: Time Weighted Average (TWA):				0.005 ppm	0.03 mg/m3				
Estonia	EST OEL	09 2001	CEILING: Ceiling Limit Value:				0.01 ppm	0.07 mg/m3			15-min: 15-min	
Finland	HTP-ARVOT	2009	HTP 15MIN: Short Term Exposure Limit (STEL):		NCO: as NCO			0.035 mg/m3				HPT: Known Harmful Concentration (Liite 1).
France	INRS (FR)	01 2008	VME: French Time Weighted Average (VME):				0.01 ppm	0.075 mg/m3				VL: Indicative limit (VL)
France	INRS (FR)	01 2008	VLE: French Short Term Limit (VLE):				0.02 ppm	0.15 mg/m3				VL: Indicative limit (VL)
Germany	DFG MAK	2009	MAK: MAK:				0.005 ppm	0.035 mg/m3			1: 1	LISTED: Listed.
Germany	DFG MAK	2009	PEAK CAT: Peak limitation category:									I: Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.
Germany	TRGS 900	01 2006	STEL CL: Short Term Exposure Classification:									I: Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.
Germany	TRGS 900	08 2010	AGW: AGW:			do12: The workplace limit value (AGW) applies as a rule only for monomers. For decisions on oligomers or polymers, see TRGS 430 'Isocyanates'.	0.005 ppm	0.035 mg/m3			=2=: =2=	
Germany	TRGS 900	08 2010	STEL FAC: STEL factor:								1: 1	PEAK FAC: Substance listed with both Peak factor and STEL factor. The Peak factor is supplied with the AGW values.
Greece	GR OEL	09 2001	TWA: Time Weighted Average (TWA):				0.01 ppm	0.075 mg/m3				
Greece	GR OEL	09 2001	STEL: Short Term Exposure Limit (STEL):				0.02 ppm	0.15 mg/m3				
Hungary	HU OEL	12 2007	TWA: Time Weighted Average (TWA):					0.035 mg/m3				
Hungary	HU OEL	12 2007	CK: Short Term Exposure Limit (STEL):					0.035 mg/m3				
Iceland	IS OEL	04 2009	TWA: Time Weighted Average (TWA):				0.005 ppm	0.03 mg/m3				
Iceland	IS OEL	04 2009	STEL: Short Term Exposure Limit (STEL):				0.01 ppm	0.07 mg/m3			5 MIN: 5 minutes	
Indonesia	ID OEL	1997	NAB: Time Weighted Average (TWA):				0.005 ppm	0.034 mg/m3				
Ireland	ELV (IE)	2007	TWA: Time Weighted Average (TWA):		NCO: as NCO			0.02 mg/m3				

Ireland	ELV (IE)	2007	STEL: Short Term Exposure Limit (STEL):		NCO: as NCO			0.07 mg/m3				
Italy	OEL (IT)	2009	TWA: Time Weighted Average (TWA):				0.005 ppm					ACGIH: Source of Limit value: ACGIH
Japan	JPJSOH OEL	05 2009	TWA: Time Weighted Average (TWA):				0.005 ppm	0.034 mg/m3				
Kazakhstan	KZ GN MAC	12 2004	CEIL MAC: Ceiling Limit (MAC):	VAP: Vapor.				0.05 mg/m3				
Latvia	LV OEL	11 2004	TWA: Time Weighted Average (TWA):					0.05 mg/m3				SRC LV: Latvia-specific OELs
Lithuania	LT OEL	12 2001	IPRV: Time Weighted Average (TWA):				0.005 ppm	0.03 mg/m3				
Lithuania	LT OEL	12 2001	NRV: Ceiling Limit Value:				0.01 ppm	0.07 mg/m3				
New Zealand	NZ OEL	09 2010	STEL: Short Term Exposure Limit (STEL):		NCO: as NCO			0.07 mg/m3				nzo2: Note: These values apply to all isocyanates, including prepolymers, present in the workplace air as vapours, mist or dust.
New Zealand	NZ OEL	09 2010	TWA: Time Weighted Average (TWA):		NCO: as NCO			0.02 mg/m3				nzo2: Note: These values apply to all isocyanates, including prepolymers, present in the workplace air as vapours, mist or dust.
Norway	ELV (NO)	03 2009	NORMEN: Threshold Limit Value:				0.005 ppm	0.035 mg/m3				
Norway	ELV (NO)	03 2009	STEL: Short Term Exposure Limit (STEL):				0.01 ppm					
Poland	POL MAC	06 2009	NDS: Time Weighted Average (NDS):					0.04 mg/m3				
Poland	POL MAC	06 2009	NDSch: Short Term Exposure Limit (NDSch):					0.08 mg/m3				
Portugal	PT VLE	2004	TWA: Time Weighted Average (TWA):				0.005 ppm					
Romania	RO OEL	10 2006	TWA: Time Weighted Average (TWA):				0.007 ppm	0.05 mg/m3				
Romania	RO OEL	10 2006	STEL: Short Term Exposure Limit (STEL):				0.14 ppm	1 mg/m3				
Russian	RU MAC	09 2009	CEIL: Ceiling Limit Value:	VAP: Vapor.				0.05 mg/m3				
Serbia	CS OEL	09 1991	MAC: MAC Value:				0.005 ppm	0.035 mg/m3				
Serbia	CS OEL	09 1991	SKIN_DES: Skin designation:									SKIN: Can be absorbed through the skin.
Slovakia	SLK NPEL	06 2007	TWA: Time Weighted Average (TWA):				0.005 ppm	0.035 mg/m3				
Slovakia	SLK NPEL	06 2007	CEILING: Ceiling Limit Value:					0.035 mg/m3				
Slovakia	SLK NPEL	06 2007	PK CAT: Category for peak concentration calculation:									I: I: Locally irritating substances. Peak concentration is equal to its Permissible Average Concentration (TLV).
Slovenia	SI OEL	06 2007	STEL MULT: STEL Multiplier (STEL = TWA * STEL Multiplier):							1: 1		
Slovenia	SI OEL	06 2007	TWA: Time Weighted Average (TWA):				0.005 ppm	0.035 mg/m3				

Spain	VLA (ES)	2010	VLA-ED: Time Weighted Average (TWA):				0.005 ppm	0.035 mg/m3				
Sweden	TLV (SE)	2007										MED REQ: Medical control is required when handling the substance.
Sweden	TLV (SE)	2007	NGV: Time Weighted Average (TWA):				0.002 ppm	0.02 mg/m3				
Sweden	TLV (SE)	2007	TGV: Ceiling Limit Value:				0.005 ppm	0.03 mg/m3				
Switzerland	SUVA	2009	TWA: Time Weighted Average (TWA):		NCO: as NCO			0.02 mg/m3				
Switzerland	SUVA	2009	STEL: Short Term Exposure Limit (STEL):		NCO: as NCO			0.02 mg/m3				
Taiwan	TW OEL	12 2003	TWA: Time Weighted Average (TWA):				0.005 ppm	0.034 mg/m3				
The Netherlands	MAC (NL)	2000	MAC TGG: Time Weighted Average (TWA):				0.005 ppm	0.04 mg/m3				
The Netherlands	MAC (NL)	2000	MAC-TGG 15: Short Term Exposure Limit (STEL):				0.02 ppm	0.14 mg/m3				
UK	EH40 WEL	2007	TWA: Time Weighted Average (TWA):		NCO: as NCO			0.02 mg/m3				
UK	EH40 WEL	2007	STEL: Short Term Exposure Limit (STEL):		NCO: as NCO			0.07 mg/m3				
USA	ACGIH	01 2010	TWA: Time Weighted Average (TWA):				0.005 ppm					
USA California	US CA OEL	08 2010	TWA PEL: Time Weighted Average (TWA) Permissible Exposure Limit (PEL):				0.005 ppm	0.034 mg/m3				

Generic limits for polyisocyanates (see remarks for specific values)

Country	Regulatory list	Revision	Value type	Expressed as	Value in ppm (standard unit)	Value in mg/m3 (standard unit)	Category short time exposure	Remarks
Australia	AU OEL	08 2005	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		
Australia	AU OEL	08 2005	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		
Estonia	EST OEL	09 2001	TWA: Time Weighted Average (TWA):		0.005 ppm			HDI homopolymer (28182-81-2)
Estonia	EST OEL	09 2001	CEILING: Ceiling Limit Value:		0.01 ppm		5 MIN: 5 minutes	HDI homopolymer (28182-81-2)
Finland	HTP-ARVOT	2009	HTP 15MIN: Short Term Exposure Limit (STEL):	NCO: as NCO		0.035 mg/m3		HPT: Known Harmful
France	INRS (FR)	01 2008	VLE: French Short Term Limit (VLE):			1 mg/m3		VL: Indicative limit (VL)
Ireland	ELV (IE)	2007	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		
Ireland	ELV (IE)	2007	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		
Lithuania	LT OEL	12 2001	IPRV: Time Weighted Average (TWA):		0.005 ppm			HDI homopolymer (28182-81-2)
Lithuania	LT OEL	12 2001	NRV: Ceiling Limit Value:		0.01 ppm			HDI homopolymer (28182-81-2)
New Zealand	NZ OEL	09 2010	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		nzo2: Note: These values apply to all isocyanates. including prepolymers.

New Zealand	NZ OEL	09 2010	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		nzo2: Note: These values apply to all isocyanates. including prepolymers. present in the workplace air as vapours. mist or dust.
Norway	ELV (NO)	03 2009	NORMEN: Threshold Limit Value:		0.005 ppm			HDI homopolymer (28182-81-2)
Norway A	ELV (NO)	03 2009	STEL: Short Term Exposure Limit (STEL):		0.01 ppm			HDI homopolymer (28182-81-2)
Slovakia	SLK NPEL	06 2007	TWA: Time Weighted Average (TWA):			0.02 mg/m3		HDI homopolymer (28182-81-2)
Slovakia	SLK NPEL	06 2007	CEILING: Ceiling Limit Value:			0.07 mg/m3		HDI homopolymer (28182-81-2)
Switzerland	SUVA	2009	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		
Switzerland	SUVA	2009	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.02 mg/m3		
UK	EH40 WEL	2007	TWA: Time Weighted Average (TWA):	NCO: as NCO		0.02 mg/m3		
UK	EH40 WEL	2007	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO		0.07 mg/m3		

IPDI (CAS 4098-71-9)

Country	Regulatory list	Revisor	Value type	Expressed as	Additional Information	Value in ppm (standard unit)	Value in mg/m3 (standard unit)	Category short time exposure	Remarks
Australia	AU OEL	08 2005	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO			0.07 mg/m3		
Australia	AU OEL	08 2005	TWA: Time Weighted Average (TWA):	NCO: as NCO			0.02 mg/m3		
Austria	MAK (AT)	09 2007	MAK: MAK:			0.01 ppm	0.09 mg/m3		
Austria	MAK (AT)	09 2007	MAK CEIL: MAK Ceiling Limit Value:			0.02 ppm	0.18 mg/m3	8x5 MIN: 8x5 minutes/shift	
Belgium	OEL (BE)	06 2009	TWA: Time Weighted Average (TWA):			0.005 ppm	0.046 mg/m3		
Belgium	OEL (BE)	06 2009	SKIN_DES: Skin designation:						SKIN: Can be absorbed through the skin.
Bulgaria	BG OEL	2004	TWA: Time Weighted Average (TWA):				0.1 mg/m3		
Bulgaria	BG OEL	2004	SKIN_DES: Skin designation:						SKIN: Can be absorbed through the skin.
Canada Alberta	CAD AB OEL	07 2009	TWA: Time Weighted Average (TWA):			0.005 ppm	0.05 mg/m3		
Canada British Columbia	CAD BC OEL	07 2007	TWA: Time Weighted Average (TWA):			0.005 ppm			
Canada British Columbia	CAD BC OEL	07 2007	CEILING: Ceiling Limit Value:			0.01 ppm			
Canada Ontario	CAD ON OEL	07 2010	TWAEV: Time Weighted Average (TWAEV):			0.005 ppm			
Canada Ontario	CAD ON OEL	07 2010	CEV: Ceiling Limit Value (CEV):			0.02 ppm			
Canada Quebec	OEL (QUE)	12 2008	TWA: Time Weighted Average (TWA):			0.005 ppm	0.045 mg/m3		MIN EXP: Exposure must be minimized.
Canada Saskatchewan	CAD SK OEL	05 2009	8 HR ACL: 8 hour average contamination limit:			0.005 ppm			
Canada Saskatchewan	CAD SK OEL	05 2009	15 MIN ACL: 15 minute average contamination limit:			0.015 ppm			
China	CN OEL	03 2008	TWA: Time Weighted Average (TWA):				0.05 mg/m3		
China	CN OEL	03 2008	STEL: Short Term Exposure Limit (STEL):				0.1 mg/m3		
Denmark	MAK (DA)	03 2008	GV: Threshold Limit Values (TLV):			0.005 ppm	0.045 mg/m3		
Denmark	DK OS	08 2007	GV: Threshold Limit Values (TLV):			0.005 ppm			
Estonia	EST OEL	09 2001	TWA: Time Weighted Average (TWA):			0.005 ppm	0.05 mg/m3		

Estonia	EST OEL	09 2001	CEILING: Ceiling Limit Value:			0.01 ppm	0.09 mg/m3	15-min: 15-min	
Finland	HTP-ARVOT	2009	HTP 15MIN: Short Term Exposure Limit (STEL):	NCO: as NCO			0.035 mg/m3		HPT: Known Harmful Concentration (Liite 1).
France	INRS (FR)	01 2008	VME: French Time Weighted Average (VME):			0.01 ppm	0.09 mg/m3		VL: Indicative limit (VL)
France	INRS (FR)	01 2008	VLE: French Short Term Limit (VLE):			0.02 ppm	0.18 mg/m3		VL: Indicative limit (VL)
Germany	DFG MAK	2009	PEAK CAT: Peak limitation category:						I: Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.
Germany	TRGS 900	08 2010	AGW: AGW:		do12: The workplace limit value (AGW) applies as a rule only for monomers. For decisions on oligomers or polymers. see TRGS 430 'Isocyanates'.	0.005 ppm	0.046 mg/m3	=2=: =2=	
Germany	DFG MAK	2009	MAK: MAK:			0.005 ppm	0.046 mg/m3	1: 1	LISTED: Listed.
Germany	TRGS 900	08 2010	STEL FAC: STEL factor:					1: 1	PEAK FAC: Substance listed with both Peak factor and STEL factor. The Peak factor is supplied with the AGW values.

Germany	TRGS 900	01 2006	STEL CL: Short Term Exposure Classification:						I: Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.
Greece	GR OEL	09 2001	TWA: Time Weighted Average (TWA):			0.01 ppm	0.09 mg/m3		
Greece	GR OEL	09 2001	STEL: Short Term Exposure Limit (STEL):			0.02 ppm	0.18 mg/m3		
Greece	GR OEL	09 2001	SKIN_DES: Skin designation:						SKIN: Can be absorbed through the skin.
Hong Kong	HK OEL	10 1998	TWA: Time Weighted Average (TWA):	NCO: as NCO			0.02 mg/m3		
Hong Kong	HK OEL	10 1998	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO			0.07 mg/m3		
Iceland	IS OEL	04 2009	STEL: Short Term Exposure Limit (STEL):			0.01 ppm	0.09 mg/m3	5 MIN: 5 minutes	
Iceland	IS OEL	04 2009	TWA: Time Weighted Average (TWA):			0.005 ppm	0.05 mg/m3		
Iceland	IS OEL	04 2009	SKIN_DES: Skin designation:						SKIN: Can be absorbed through the skin.
Indonesia	ID OEL	1997	NAB: Time Weighted Average (TWA):			0.005 ppm	0.045 mg/m3		
Ireland	ELV (IE)	2007	TWA: Time Weighted Average (TWA):	NCO: as NCO			0.02 mg/m3		
Ireland	ELV (IE)	2007	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO			0.07 mg/m3		
Italy	OEL (IT)	2009	TWA: Time Weighted Average (TWA):			0.005 ppm			ACGIH: Source of Limit value: ACGIH
Lithuania	LT OEL	12 2001	IPRV: Time Weighted Average (TWA):			0.005 ppm	0.05 mg/m3		
Lithuania	LT OEL	12 2001	NRV: Ceiling Limit Value:			0.01 ppm	0.09 mg/m3		
Mexico	MX OEL	03 2000	CPT: Time Weighted Average (TWA):			0.01 ppm	0.09 mg/m3		
Mexico	MX OEL	05 1996							LISTED: Listed.
New Zealand	NZ OEL	09 2010	SKIN_DES: Skin designation:	NCO: as NCO					SKIN AB: Skin absorption can be significant.

New Zealand	NZ OEL	09 2010	TWA: Time Weighted Average (TWA):	NCO: as NCO			0.02 mg/m3		nzo2: Note: These values apply to all isocyanates. including prepolymers. present in the workplace air as vapours. mist or dust.
New Zealand	NZ OEL	09 2010	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO			0.07 mg/m3		nzo2: Note: These values apply to all isocyanates. including prepolymers. present in the workplace air as vapours. mist or dust.
Norway	ELV (NO)	03 2009	NORMEN: Threshold Limit Value:			0.005 ppm	0.045 mg/m3		
Norway	ELV (NO)	03 2009	STEL: Short Term Exposure Limit (STEL):			0.01 ppm			
Poland	POL MAC	06 2009	NDS: Time Weighted Average (NDS):				0.04 mg/m3		
Portugal	PT VLE	2004	TWA: Time Weighted Average (TWA):			0.005 ppm			
Serbia	CS OEL	09 1991	MAC: MAC Value:			0.01 ppm	0.09 mg/m3		
Serbia	CS OEL	09 1991	SKIN_DES: Skin designation:						SKIN: Can be absorbed through the skin.
Slovakia	SLK NPEL	06 2007	TWA: Time Weighted Average (TWA):				0.02 mg/m3		
Slovakia	SLK NPEL	06 2007	CEILING: Ceiling Limit Value:				0.07 mg/m3		
Slovenia	SI OEL	06 2007	TWA: Time Weighted Average (TWA):			0.01 ppm	0.092 mg/m3		
Slovenia	SI OEL	06 2007	STEL MULT: STEL Multiplier (STEL = TWA * STEL Multiplier):					1: 1	
Spain	VLA (ES)	2010	VLA-ED: Time Weighted Average (TWA):			0.005 ppm	0.046 mg/m3		
Sweden	TLV (SE)	2007							MED REQ: Medical control is required when handling the substance.
Sweden	TLV (SE)	2007	NGV: Time Weighted Average (TWA):			0.002 ppm	0.018 mg/m3		
Sweden	TLV (SE)	2007	TGV: Ceiling Limit Value:			0.005 ppm	0.046 mg/m3		
Switzerland	SUVA	2009	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO			0.02 mg/m3		
Switzerland	SUVA	2009	TWA: Time Weighted Average (TWA):	NCO: as NCO			0.02 mg/m3		
The Netherlands	MAC (NL)	2000	MAC TGG: Time Weighted Average (TWA):			0.005 ppm	0.05 mg/m3		

The Netherlands	MAC (NL)	2000	MAC-TGG 15: Short Term Exposure Limit (STEL):			0.02 ppm	0.19 mg/m3		
UK	EH40 WEL	2007	STEL: Short Term Exposure Limit (STEL):	NCO: as NCO			0.07 mg/m3		
UK	EH40 WEL	2007	TWA: Time Weighted Average (TWA):	NCO: as NCO			0.02 mg/m3		
USA	ACGIH	01 2010	TWA: Time Weighted Average (TWA):			0.005 ppm			
USA California	US CA OEL	08 2010	TWA PEL: Time Weighted Average (TWA) Permissible Exposure Limit (PEL):			0.005 ppm	0.045 mg/m3		
USA California	US CA OEL	08 2010	STEL: Short Term Exposure Limit (STEL):			0.02 ppm			
USA California	US CA OEL	08 2010	SKIN_DES: Skin designation:						SKIN: Can be absorbed through the skin.