

Oktober 2022

Training Matrix

For selection of the appropriate training by users

Guidance

For selection of the right training, apply the principle «process of elimination».

Start to check if the respective task of your employee is covered by Advanced Training (Level 3), if not, check if Intermediate Training (Level 2) applies, if not → the general training (Level 1) is sufficient.

Level	Definition	Content as defined in the legislation	Training Platform	Coverage
1	General Training	<p>Chemistry of diisocyanates Toxicity hazards</p> <p>Exposure to diisocyanates Occupational exposure limit values</p> <p>How sensitization can develop Odour as indication of hazard Importance of volatility for risk Viscosity, temperature, and molecular weight of diisocyanates</p> <p>Personal hygiene Personal protective equipment needed Risk of dermal contact and inhalation exposure Risk in relation to application process used Skin and inhalation protection scheme</p> <p>Ventilation Cleaning, leakages, maintenance Discarding empty packaging Protection of bystanders Identification of critical handling stages Behavior-based safety</p>	T 045	General training containing all aspects which are defined in the legal text
			T 048	These are all general trainings , containing all aspects which are defined in the legal text, but with a specific focus on the adhesives and sealants sector.
			T 049	
			T 050	
			T 051	

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2	Intermediate Training	<p>Handling open mixtures at ambient temperature (incl foam tunnels)</p> <p>Spraying in a ventilated booth</p> <p>Application by roller</p> <p>Application by brush</p> <p>Application by dipping and pouring</p> <p>Mechanical post treatment (e.g., cutting) of not fully cured articles which are not warm anymore</p> <p>Cleaning and waste</p> <p>Any other uses with similar exposure through the dermal and/or inhalation route</p> <p>Additional behavior-based aspects</p> <p>Maintenance</p> <p>Management of change</p> <p>Evaluation of existing safety instructions</p> <p>Risk in relation to application process used</p>	T 007	Dipping or pouring , open mixture, cleaning and waste
			T 015	Handling of open mixtures at ambient temperatures , cleaning and waste
			T 020	Application by brush or roller, open handling of hot and warm formulations, cleaning and waste
			T 022	Application by brush or roller, cleaning and waste
			T 042	Cleaning and Waste
			T 052	Industrial application of polyurethane adhesives at ambient temperatures without spraying - Adhesives and sealants for industrial bonding at ambient temperatures without spraying
			T 070	Production & Formulation of Diisocyanates containing Products
			T 071	Continuous Manufacturing of Elastomers (incl. TPU) Training Program
			T 072	Appliances Production Training Program

Level	Definition	Content as defined in the legislation	Training Platform	Coverage
3	Advanced Training	<p>Handling incompletely cured articles (e.g., freshly cured, still warm)</p> <p>Foundry applications</p> <p>Maintenance and repair that needs access to equipment</p> <p>Open handling of warm or hot formulations (> 45 °C)</p> <p>Spraying in open air, with limited or only natural ventilation (includes large industry working halls) and spraying with high energy (e.g., foams, elastomers)</p> <p>And any other uses with similar exposure through the dermal and/or inhalation route</p>	T 003	Spraying in a ventilated booth , open mixtures, cleaning and waste
			T 005	Application by brush or roller, open mixture, cleaning and waste
			T 011	Spraying outside a ventilated booth, open mixtures, cleaning and waste
			T 012	Foundry Industry
			T 013	Other (non-spraying) application process of Paints and Coatings, open handling of hot or warm formulations
			T 018	Spraying in a ventilated booth, cleaning and waste
			T 019*	Professional Uses – Spray Booth Application
			T 023*	Professional painting with brush or roller
			T 024	Application by dipping or pouring, open handling of hot or warm chemical formulations ($\geq 40^{\circ}\text{C}$), cleaning and waste
			T 033	Spraying outside a ventilated booth , Open handling of hot or warm formulation, Cleaning and waste
			T 034*	Professional Uses – Spraying Outside Application
			T 035	Spraying outside a ventilated cabin, cleaning and waste
			T 037	Maintenance and repair with possible diisocyanate contact, handling of hot or warm chemical formulations ($\geq 40^{\circ}\text{C}$). Cleaning and waste
			T 039	Open handling of hot or warm formulations (>45°C), cleaning and waste
T 040	Maintenance and repair with possible diisocyanate contact, cleaning and waste			

*These modules are not live yet, but very soon.

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			T 047	Flexible Slabstock Foam
			T 053	Industrial application of polyurethane adhesives, process steps above 45 °C or by spraying or at laminating speeds above 100 m/min
			T 054	Industrial application of polyurethane adhesives - Maintenance and repair of equipment
			T 055	Risk Management Measures for MDI in factories produced rigid PU foam
			T 056	Print Shops – 2 Component Inks
			T 057	Wood composites products

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