

March 2023

Training Matrix

For selection of the appropriate training by users

The REACH Regulation defines 3 different levels, namely:

Basic training (Level 1)

Intermediate training (Level 2)

Advanced training (Level 3)

We recommend the following procedure for the correct selection of our trainings (T 0xx):

Step 1

Check whether your activity at the workplace corresponds to the descriptions of the legal text for level 3 (column 2), slides 2 and 3. If yes, select the appropriate training from level 3.

Step 2 (if no for step 1)

Check if your workplace activity corresponds to the descriptions of the legal text for level 2 (column 2), slide 4. If yes, select the appropriate training from level 2.

Step 3 (if no for step 2)

Basic training T 045 sufficient (slide 5)

Level 3	Tasks as defined in the legislation	Training Platform Number	Content	Training Modules* (For Trainers only)
	<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 046	Flexible moulded foam	001+017+Q level 3
		T 047	Flexible Slabstock Foam	001+018+Q level 3
		T 053	Industrial application of polyurethane adhesives, process steps above 45 °C or by spraying or at laminating speeds above 100 m/min	001+053+Q level 3
		T 054	Industrial application of adhesives and sealants Maintenance and repair of equipment	001+015+Q level 3
		T 055	Risk Management Measures for MDI in factories produced rigid PU foam	001+004.1+Q level 3
		T 056	Print Shops – 2 Component Inks	001+019+Q level 3
		T 057	Wood composites products	001+016+Q level 3

Level 3	Tasks as defined in the <u>legislation</u>	Training Platform Number	Content	Training Modules* (For Trainers only)
	<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 005	Application by brush or roller , open mixture, cleaning and waste	001+006.7+004+010+Q level 3
		T 011	Spraying outside a ventilated booth, open mixtures	001+012+004+Q level 3
		T 012	Foundry Applications	001+014+004+010+Q level 3
		T 013	Other (non-spraying) application process of Paints and Coatings, open handling of hot and warm formulations	001+004+013+Q level 3
		T 019	Professional painting – Spray Booth Application	021_2+Q CEPE
		T 024	Dipping or pouring , open handling of hot or warm formulations ($\geq 40^{\circ}\text{C}$), cleaning and waste	001+008+013+010+Q level 3
		T 033	Spraying outside a ventilated booth , Open handling of hot or warm formulation	001+012+013+Q level 3
		T 034	Professional painting – Spraying Outside Application	021_1+Q CEPE
		T 035	Spraying outside a ventilated booth, cleaning and waste	001+012+010+Q level 3
		T 037	Special requirements Maintenance and repair that needs access to equipment Open handling of hot or warm chemical formulations ($\geq 40^{\circ}\text{C}$). Cleaning and waste	001+015+013+010+Q level 3
		T 039	Open handling of hot or warm formulations ($>45^{\circ}\text{C}$), cleaning and waste	001+013+010+Q level 3
		T 040	Maintenance and repair with possible diisocyanate contact, cleaning and waste	001+015+010+Q level 3

Level 2	Tasks as defined in the legislation	Training Platform Number	Content	Training Modules* (For Trainers only)
	<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 003	Spraying in a ventilated booth , open mixtures, cleaning and waste	001+005+004+Q level 3
		T 007	Dipping and pouring , open mixture, cleaning and waste	01 + 008 + 004 + 010+Q
		T 015	Handling open mixtures at ambient temperatures , cleaning and waste	001+004+010+Q
		T 018	Spraying in a ventilated booth , cleaning and waste	001+005+010+Q level 3
		T 020	Application by brush or roller, open handling of hot and warm formulations, cleaning and waste	001+006.7+013+010+Q
		T 022	Application by brush or roller, cleaning and waste	001+006.7+010+Q
		T 023	Professional painting- Painting with brush or roller	021_1+Q
		T 042	Cleaning and Waste	001+010+Q
		T 048*	Professional Application of adhesives and sealants / Small packaging at ambient temperature	048+Q
		T 049*	Professional application Flooring and waterproofing applications	049+Q
		T 050*	Professional application High Pressure Injection Resins	050+Q
		T 051*	Industrial Application of adhesives and sealants Small packaging at ambient temperature	051+Q
		T 052*	Industrial Application of adhesives and sealants at room temperature	001+052+Q
		T 070	Production & Formulation of Diisocyanates containing Products	001+2.3+Q
T 071	Continuous Manufacturing of Elastomers (incl. TPU) Training Program	NOT LIVE		
T 072	Appliances Production Training Program	NOT LIVE		

*These modules are specific to the adhesives and sealants industry.

Level 1	Tasks as defined in the legislation	Training Platform Number	Content	Training Modules* (For Trainers only)
	<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</p> <p>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</p> <p>Cleaning, leakages, maintenance</p> <p>Discarding empty packaging</p> <p>Protection of bystanders Identification of critical handling stages Behavior-based safety</p>	T 045	<p>General training containing all aspects which are defined in the legal text</p>	001+Q

CONTACTS:

Jörg Palmersheim
Secretary General

Kristine Dewaele
Office & Project Manager

Brieuc Lits
Public Affairs & Communication Officer

joerg.palmersheim@isopa.org

www.isopa.org

www.alipa.org

www.polyurethanes.org