

SAFE USE OF DIISOCYANATES



AGENDA



USE OF DIISOCYANATES BY OUR
INDUSTRY

THE DIISOCYANATES RESTRICTION

THE DIISOCYANATES REQUIREMENTS

Information Provision

Labelling

Safety Training

WIKO INFORMATION



GLUETEC

USE OF DIISOCYANATES BY OUR INDUSTRY

Diisocyanates are raw materials used to produce PU adhesives and sealants, coatings and other construction chemicals.

- Used in a wide variety of applications, such as construction, packaging, automotive, furniture, engineering, transportation and many more, as a result of the performance advantages they bring.



USE OF DIISOCYANATES BY OUR INDUSTRY



If not handled properly, Diisocyanates can cause respiratory sensitization, an irreversible allergic reaction.

- Workplace behaviour is crucial for the safe handling of Diisocyanates. It is possible to prevent it by respecting specific conditions of use and, where necessary, get adequate protection.
- To address this potential risk, the EU is introducing legally required mandatory training to ensure workplace safety for workers handling Diisocyanates.

THE DIISOCYANATES RESTRICTION

The REACH (EU Chemical Legislation) restriction on Diisocyanates was published in the Official Journal of the European Union on 4 August 2020.

- Addressed to industrial and professional uses
- Targeted at avoiding the unsafe handling of Diisocyanates, not at restricting product availability
- PU adhesives and sealants will remain widely available

The restriction establishes the following requirements:

- 1> Information provision
- 2> Labelling
- 3> Safety training

1 > INFORMATION PROVISION



The Diisocyanates restriction establishes that suppliers should provide Industrial and Professional users with information about the training on the safe use of Diisocyanates when the concentration of diisocyanates individually and in combination is over than 0,1 % by weight.

- Suppliers should also make the training available for users

2 > LABELLING



Since 24 February 2022, Diisocyanates-containing products intended to be used in industrial or professional settings, with a total monomeric diisocyanate **concentration greater than 0.1 % shall include the following phrase on their packaging:**

As of 24 August 2023, adequate training is required before industrial or professional use of this product.

Note: This sentence should be visibly distinct from the rest of the label information.

3 > SAFETY TRAINING



After 24 August 2023, an employer or self-employed person has to ensure the following requirements:



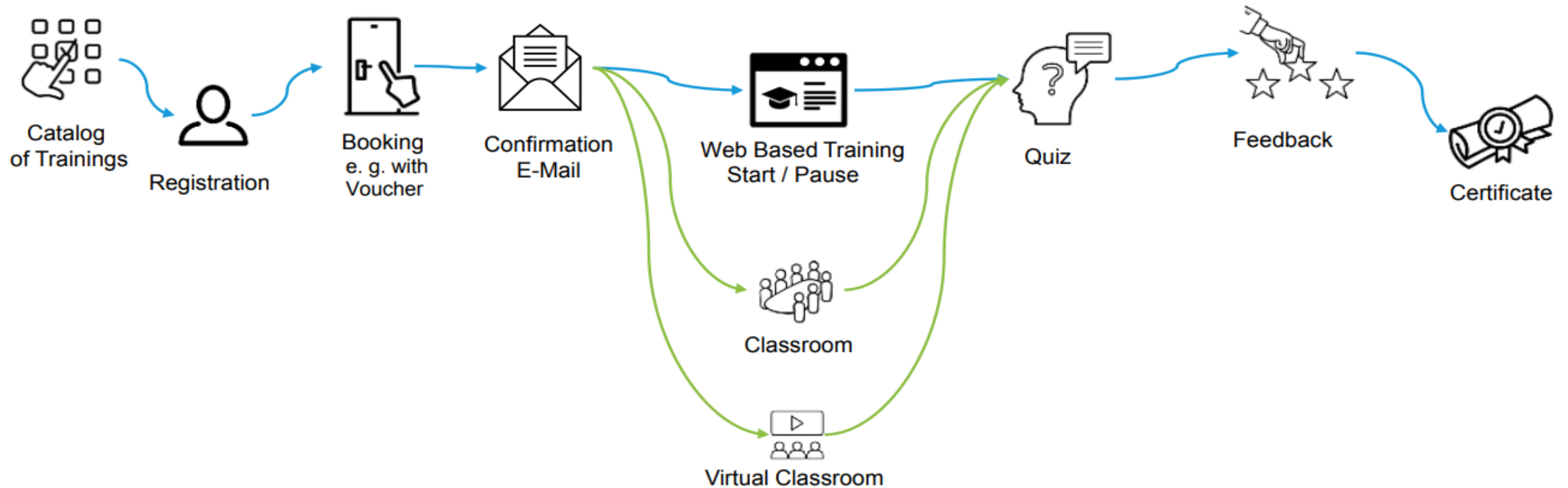
- Industrial or professional user(s) and supervisors of these tasks, have **completed training** prior to using substance(s) or mixture(s) containing a concentration of Diisocyanates > 0.1% by weight

- Training includes instructions to control dermal and inhalation exposure at the workplace
- A certificate is provided to document the completion of the training
- Training remains subject to any national provisions and requirements, if applicable
- Training is to be renewed every 5 years

Note: The PU Training Platform can be accessed at www.safeuseDiisocyanates.eu (available in many languages)

3 > SAFETY TRAINING

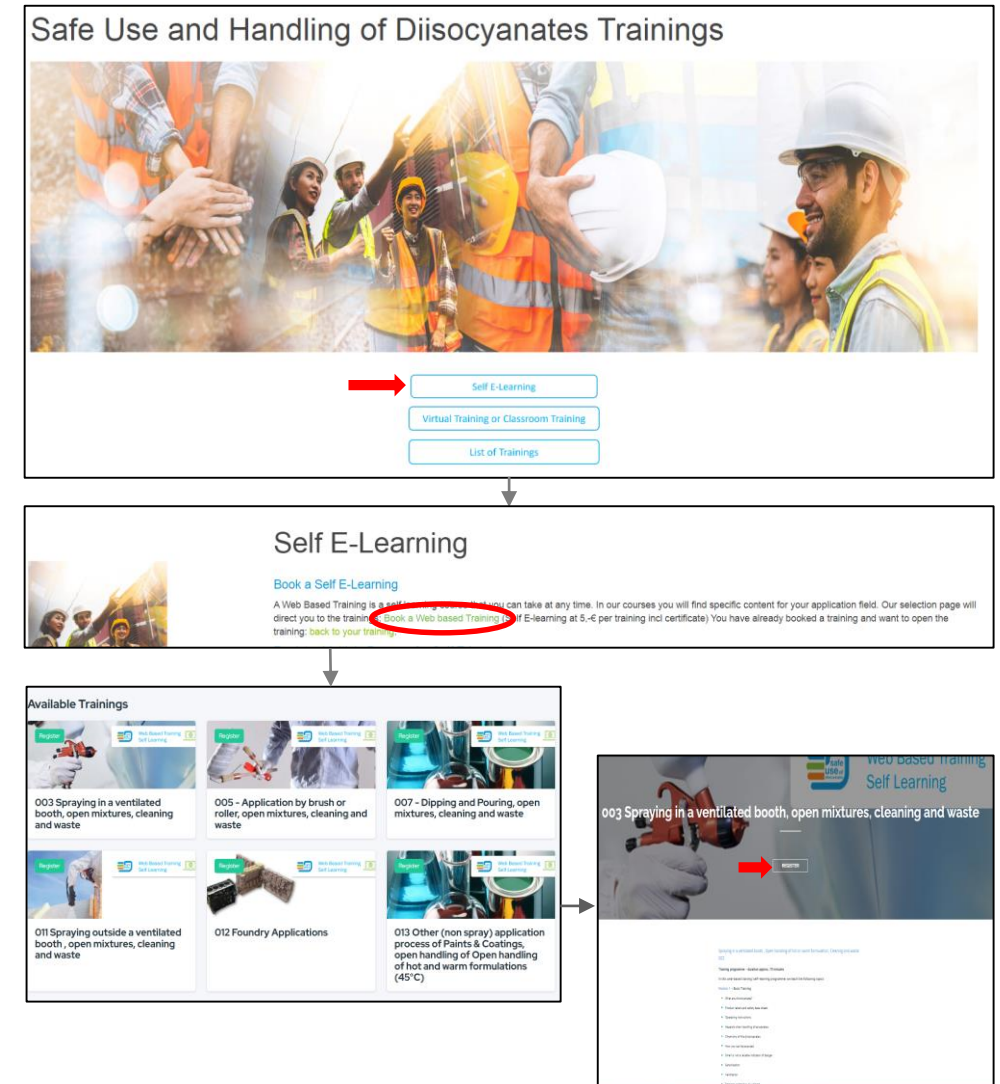
Training Structure



3 > SAFETY TRAINING

Follow these steps to **access the Training** modules on the online learning platform

1. Go to <https://safeusediisocyanates.eu/>
2. Click on Self e-Learning
3. Click Book a web based training
4. Select the eLearning modules from the available list of trainings



3 > SAFETY TRAINING



Follow these steps if you'd like to **register multiple users** for the self e-learning

1. Go to <https://safeusediisocyanates.eu/>
2. Click on Self e-Learning
3. Click Upload a group of trainees
4. Start to create your administrative account

For further registration click open guide for Administrative Users and follow instructions.



Self E-Learning

[Book a Self E-Learning](#)

A Web Based Training is a self learning course that you can take at any time. In our courses you will find specific content for your application field. Our selection page will direct you to the trainings: [Book a Web based Training](#) (Self E-learning at 5,-€ per training incl certificate) You have already booked a training and want to open the training: [back to your training](#).

[Register Multiple Persons for Self E-Learning](#)

You have a group of trainees, that you would like to register for a Self-E-Learning. For this you can [upload a group of trainees](#) to the platform book and pay the Self-E-Learning for them: [Read our Guide for the Administrative Users](#). You already have an Admin user: [open your admin account](#).



idloom
passport

Create your administrative account

Company representatives (e.g., HR Managers) can create a free administrative account in the platform to upload their contacts in bulk, segment them, register them in bulk to events and trainings, and follow up their certifications.

E-Mail Address *

Next

Products under this restriction:

- WIKO® REPAIR
- WIKO Flüssigdübel
- MONT.K310

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006, as retained and amended in UK law [UK REACH]



WIKO® REPAIR 90 ISOCYANATE

Material number REPAIR-90_ISOCYANATE_102718

Revision date: 28/11/2022
Version: 2.1

Language: en-GB,IE

Date of print: 30/11/2022
Page: 2 of 10

Hazard statements:	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H319	Causes serious eye irritation.
	H332	Harmful if inhaled.
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
	H335	May cause respiratory irritation.
	H351	Suspected of causing cancer.
	H373	May cause damage to organs through prolonged or repeated exposure.
Precautionary statements:	P201	Obtain special instructions before use.
	P260	Do not breathe mist/vapours/spray.
	P280	Wear protective gloves/protective clothing/eye protection.
	P284	In case of inadequate ventilation wear respiratory protection.
	P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Special labelling

EUH204 Contains isocyanates. May produce an allergic reaction.
Text for labelling: Contains 4,4'-Methylenediphenyl diisocyanate and Methylenediphenyl diisocyanate.
Special provisions concerning the labelling of certain mixtures:
As from 24 August 2023 adequate training is required before industrial or professional use.

2.3 Other hazards

WIKO INFORMATION



Products under this restriction:

- WIKO® REPAIR_ LABEL

wiko
90
REPAIR
■ SCHWARZ/BLACK
CZARNY/ČRN

- Polyurethan-Klebstoff zum Reparieren und Spachteln
- Extreme Witterungs- und Alterungsbeständigkeit
- Polyurethane adhesive for repair and filling
- Extremely resistant to atmospheric conditions and ageing
- Poliuretanowy klej do naprawy i szpachlowania
- Ekstremalna wytrzymałość na warunki pogodowe oraz starzenie

2K REPARATUR KLEBSTOFF / 2C REPAIR ADHESIVE
DNIKOWY KLEJ REPARACYJNY / 2K LEPILNA ZA POPRAVILLO

DE: Problemlos nachbearbeitbar (schleifen, bohren, schneiden, lackieren) • Verarbeitungszeit: 60 - 90 Sekunden • Hervorragende Beständigkeit gegenüber Wasser, Öl, Kraftstoff, Lösemittel, Säuren und Laugen • Einfache Modellierbarkeit des Materials während der Topfzeit • Temperaturbeständigkeit: -40 °C bis +120 °C

EN: • Can be easily reworked (drilling, grinding, cutting, overpainted) • Processing time: 60 - 90 seconds • Excellent resistance to water, oil, petrol, solvents, acids and bases • Material can be easily modelled during the pot life • Temperature resistance: -40 °C to +120 °C

PL: Bezproblemowa obróbka wtórna (szlifowanie, wiercenie, cięcie oraz lakierowanie) • Czas przetwarzania: 60 - 90 sekund • Doskonała odporność na wodę, olej, paliwo, rozpuszczalniki, kwasy oraz ług • Łatwe modelowanie materiału w czasie żywotności • wytrzymałość temperaturowa: -40 °C do +120 °C

SI: Struktura in estetska popravila (vrtanje, brušenje, rezanje) • Čas obdelave: 60-90 sekund • Izredno odporno na vodo, olje, topila, kislino in goriva • Enostavno oblikovanje materiala med odprtim časom • Temperaturna odpornost: -40 °C do +120 °C

DE: Ab dem 24. August 2023 muss vor der industriellen oder gewerblichen Verwendung eine angemessene Schulung erfolgen.

EN: As from 24 August 2023 adequate training is required before industrial or professional use.

PL: Od dnia 24 sierpnia 2023 r. wymagane jest odbycie odpowiedniego szkolenia przed użyciem przemysłowym lub profesjonalnym.

SI: Po 24. avgustu 2023 se pred industrijsko ali poklicno uporabo zahteva ustrezno usposabljanje.

Isocyanate UFI: OTPO-W00A-N00J-2ATU

Gefahr / Danger
Niebezpieczeństwo / Nevarno

Polyol: Dieses Gemisch ist als nicht gefährlich eingestuft. / This mixture is classified as not hazardous. / Ta mieszanina zaklasyfikowana jest jako bezpieczna. / Ta zmes je razvrščena med nenevarne snovi.

GLUETEC
Industrieklebstoffe GmbH & Co. KG
Am Biotop 8a · 97259 Greußenheim
Germany · Tel.: +49 9369 9836-0

wiko
WIKO Klebetechnik Sp. z o.o.
ul. Ekonomiczna 8 · 42-271 Częstochowa
Poland · Tel.: +48 34 37258-58

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THANK YOU



Thank you
for your
Attention

If you have any questions, please get in touch: **Fanny Lage -
Qualitätsmanagement**