

**Trade name:** einZA Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name**

**einZA Härter Lawidur 2-K-PU-Lack**

**UFI:**

TJKU-80M2-F003-0J77

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

decorative paints/finishes

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

einZA Farben GmbH & Co KG

Junkersstraße 13

30179 Hannover

Telephone no. +49 (0)511 67490-0

Fax no. +49 (0)511 67490-20

e-mail info@einZA.com

**Information provided by / telephone**

In emergencies, the country-specific emergency number can be found in the corresponding country-specific safety data sheets.

**Advice on Safety Data Sheet**

sdb\_info@umco.de

### 1.4 Emergency telephone number

+49 (0)40 0511 - 674 90-0

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Acute Tox. 4; H332

Flam. Liq. 3; H226

Skin Sens. 1; H317

STOT SE 3; H335

STOT SE 3; H336

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**



GHS02



GHS07

**Trade name:** einza Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

**Signal word**

Warning

**Hazardous component(s) to be indicated on label:**

Aliphatic polyisocyanate  
2-methoxy-1-methylethyl acetate

**Hazard statement(s)**

H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary statement(s)**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/eye protection.  
P370+P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.  
P405 Store locked up.  
P501 Dispose of contents/container to a facility in accordance with local and national regulations.

**UFI:**

TJKU-80M2-F003-0J77

**2.3 Other hazards**

The product does not contain any components > 0.1% that meet the criteria for PBT and vPvB according to Regulation (EC) No. 1907/2006, Annex XIII, or that have been included in the list compiled in accordance with Article 59(1). This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures**

**Hazardous ingredients**

No	Substance name	Classification (EC) 1272/2008 (CLP)	Additional information	%
	CAS / EC / Index / REACH no		Concentration	
1	<b>Aliphatic polyisocyanate</b>			
	28182-81-2 931-274-8 - 01-2119485796-17	Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335	>= 70,00 - < 90,00	wt%
2	<b>2-methoxy-1-methylethyl acetate</b>			
	108-65-6 203-603-9 607-195-00-7 01-2119475791-29	Flam. Liq. 3; H226 STOT SE 3; H336	>= 25,00 - < 50,00	wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

**3.3 Other information**

According to the information provided in the supply chain, the monomeric diisocyanate content is < 0.1 %.

**SECTION 4: First aid measures**

**Trade name:** einZA Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

#### 4.1 Description of first aid measures

##### General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

##### After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

##### After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

##### After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

##### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

##### Unsuitable extinguishing media

water jet.

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Nitrogen oxides (NO<sub>x</sub>); Hydrogen cyanide (HCN); Monomeric isocyanates; Amines; alcohols; Exposure to decomposition products may cause a health hazard.

#### 5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. Appropriate breathing apparatus may be required.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

##### For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

#### 6.2 Environmental precautions

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Do not allow to enter drains/watercourses/soil.

#### 6.3 Methods and material for containment and cleaning up

**Trade name:** einza Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth. Place in a suitable container. The contaminated area should be cleaned up immediately with a suitable decontaminant.

One possible (flammable) decontaminant comprises (by volume): water (45 parts), ethanol or isopropyl alcohol (50 parts), concentrated (d = 0,880) ammonia solution (5 parts).

A non-flammable alternative is sodium carbonate (5 parts), water (95 parts). Add the same decontaminant to the remnants and let stand for several days until no further reaction in non-sealed container. Once this stage is reached, close container and dispose according to local regulations (see section 13).

## 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be exposed to any process in which this mixture is used. Examination of lung function should be carried out on a regular basis on persons spraying this mixture. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Care should be taken when re-opening partly used containers.

Precautions should be taken to minimise exposure to atmospheric humidity or water: CO<sub>2</sub> will be formed which in closed containers can result in pressurisation. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet [sanding]/[flattening] should be used wherever possible. Avoid inhalation of dust from sanding. Welding, grinding and other hot work on the already-coated substrate may cause free isocyanates to be formed and released. For personal protection see section 8.

#### General protective and hygiene measures

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

#### Advice on protection against fire and explosion

Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Comply with legal health and safety regulations; Storage in accordance with the Ordinance on Industrial Safety and Health. Prevent unauthorised access. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition. No smoking.

#### Requirements for storage rooms and vessels

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

#### Incompatible products

Store away from oxidising agents, from strongly alkaline and strongly acid materials as well as amines, alcohols and water.

#### Stoarge Class according TRGS 510

3 Flammable liquids

### 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Trade name: einza Härter Lawidur 2-K-PU-Lack

Product no.: 0069176

Current version: 2.0.0, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER**Occupational exposure limit values**

No	Substance name	CAS no.	EC no.
1	<b>Aliphatic polyisocyanate</b>	<b>28182-81-2</b>	<b>931-274-8</b>
	<b>2024/869/EC</b>		
	Diisocyanates (measured as NCO (10))		
	WEL long-term (8-hr TWA reference period)	0,006 mg/m <sup>3</sup>	12 ppm
	Skin resorption / sensibilisation	Skin (8) Dermal and respiratory sensitisation (9)	
	Comments	A limit value of 10 µg NCO/m <sup>3</sup> in relation to a reference period of 8 hours and a short-term exposure limit value of 20 µg NCO/m <sup>3</sup> shall apply until 31 December 2028.	
	<b>TRGS 900</b>		
	Diisocyanate (gemessen als „NCO“)		
	WEL long-term (8-hr TWA reference period)	0,006 mg/m <sup>3</sup>	
	Ceiling Limit	2	
	Skin resorption / sensibilisation	Sah	
2	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
	<b>TRGS 900</b>		
	2-Methoxy-1-methylethylacetat		
	WEL long-term (8-hr TWA reference period)	270 mg/m <sup>3</sup>	50 ml/m <sup>3</sup>
	Ceiling Limit	1(l)	
	Notes	Y	
	<b>2000/39/EC</b>		
	2-Methoxy-1-methylethylacetate		
	WEL short-term (15 min reference period)	550 mg/m <sup>3</sup>	100 ppm
	WEL long-term (8-hr TWA reference period)	275 mg/m <sup>3</sup>	50 ppm
	Skin resorption / sensibilisation	Skin	

**DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name	CAS / EC no	
	Route of exposure	Exposure time	Effect
	Value		
1	<b>Aliphatic polyisocyanate</b>		
	inhalative	Short term (acut)	local
	with reference to: Air		
	inhalative	Long term (chronic)	local
	with reference to: Air		
			1 mg/m <sup>3</sup>
			0,5 mg/m <sup>3</sup>
2	<b>2-methoxy-1-methylethyl acetate</b>		
			<b>108-65-6</b>
			<b>203-603-9</b>
	dermal	Long term (chronic)	systemic
	inhalative	Long term (chronic)	systemic
	inhalative	Short term (acut)	local
			796 mg/kg/day
			275 mg/m <sup>3</sup>
			550 mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name	CAS / EC no	
	Route of exposure	Exposure time	Effect
	Value		
1	<b>2-methoxy-1-methylethyl acetate</b>		
	oral	Long term (chronic)	systemic
	oral	Short term (acut)	systemic
	dermal	Long term (chronic)	systemic
	inhalative	Long term (chronic)	systemic
	inhalative	Long term (chronic)	local
			36 mg/kg/day
			500 mg/kg/day
			320 mg/kg/day
			33 mg/m <sup>3</sup>
			33 mg/m <sup>3</sup>

**PNEC values**

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	<b>Aliphatic polyisocyanate</b>		
			<b>28182-81-2</b>
			<b>931-274-8</b>

**Trade name:** einZA Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

	water	fresh water	0,127	mg/L
	water	marine water	0,0127	mg/L
	water	fresh water sediment	266700	mg/kg
	with reference to: dry weight			
	water	marine water sediment	266700	mg/kg
	with reference to: dry weight			
	soil	-	53182	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	38,28	mg/L
2	<b>2-methoxy-1-methylethyl acetate</b>		<b>108-65-6 203-603-9</b>	
	water	fresh water	0,635	mg/L
	water	marine water	0,064	mg/L
	water	fresh water sediment	3,29	mg/kg
	with reference to: dry weight			
	water	marine water sediment	0,329	mg/kg
	with reference to: dry weight			
	soil	-	0,29	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	100	mg/L

#### Other information

Under cool dry conditions, it is possible for the isocyanate to remain unreacted in the paint film for up to 30 hours after application.

## 8.2 Exposure controls

#### Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. Air-fed protective respiratory equipment must be worn by spray operator even when good ventilation is provided. In other operations, if local exhaust ventilation and good general extraction are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

#### Personal protective equipment

##### Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. If dry flapping is unavoidable air fed respiratory protective equipment should be used. When spraying: air fed respirator. For operations other than spraying: In well ventilated areas, air-fed respirators could be replaced by a combination of charcoal filter and particulate filter mask. Filter A2P2 (DIN EN 14387)

##### Eye / face protection

Wear safety goggles to protect against splashes. Safety glasses with side protection shield (EN 166)

##### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material In case of short-term contact / splash protection: nitrile rubber

Material thickness > 0,4 mm

Breakthrough time > 120 min

Appropriate Material In case of prolonged exposure: nitrile rubber

Material thickness > 0,4 mm

Breakthrough time > 480 min

##### Other

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

#### Environmental exposure controls

Do not allow to enter drains or water courses.

Trade name: einza Härter Lawidur 2-K-PU-Lack

Product no.: 0069176

Current version: 2.0.0, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>State of aggregation</b>			
liquid			
<b>Form</b>			
liquid			
<b>Colour</b>			
according to product name			
<b>Odour</b>			
characteristic			
<b>pH value</b>			
reason for missing pH		substance/mixture is non-soluble (in water)	
<b>Boiling point / boiling range</b>			
Value	>	120	°C
Reference substance	solvent mixture		
<b>Melting point/freezing point</b>			
No data available			
<b>Decomposition temperature</b>			
No data available			
<b>Flash point</b>			
Value	>=	38	°C
Method	closed cup		
<b>Ignition temperature</b>			
Value	>	200	°C
Reference substance	solvent mixture		
<b>Oxidising properties</b>			
Not applicable			
<b>Flammability</b>			
Not applicable			
<b>Lower explosion limit</b>			
Value	>	0,6	% vol
Reference substance	solvent mixture		
<b>Upper explosion limit</b>			
Value	<	7,5	% vol
Reference substance	solvent mixture		
<b>Vapour pressure</b>			
Value	<	100	hPa
Reference temperature		50	°C
Reference substance	solvent mixture		
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value	appr.	1,10	g/cm <sup>3</sup>
Reference temperature		20	°C
Method	DIN 51757		

Trade name: einza Härter Lawidur 2-K-PU-Lack

Product no.: 0069176

Current version: 2.0.0, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

Solubility in water	
Comments	immiscible

Solubility	
No data available	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow		1,2	
Reference temperature		20	°C
Method		OECD 117	
Source		ECHA	

Kinematic viscosity			
Value	appr.	59	sec
Reference temperature		20	°C
Method	DIN EN 2431 (4 mm)		

Solvent separation test			
Value	<	3	%
Reference temperature		20	°C

Particle characteristics	
No data available	

## 9.2 Other information

Other information	
No data available.	

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product reacts slowly with water resulting in evolution of carbon dioxide.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

### 10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials, amines, alcohols and water. In closed containers, pressure build up could result in distortion, blowing and in extreme cases bursting of the container.

### 10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

### 10.5 Incompatible materials

Uncontrolled exothermic reactions occur with amines and alcohols.

### 10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products. Amines; Alcohols; Hydrogen cyanide (HCN); Monomeric isocyanates

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Aliphatic polyisocyanate	28182-81-2	931-274-8
LD50	>	2500	mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9

Trade name: einza Härter Lawidur 2-K-PU-Lack

Product no.: 0069176

Current version: 2.0.0, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

LD50		5155	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

**Acute dermal toxicity**

No	Substance name	CAS no.	EC no.
----	----------------	---------	--------

1	Aliphatic polyisocyanate	28182-81-2	931-274-8
---	--------------------------	------------	-----------

LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
---	---------------------------------	----------	-----------

LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

**Acute inhalational toxicity (result of the ATE calculation for the mixture)**

**Product Name**

einza Härter Lawidur 2-K-PU-Lack

ATE (Mixture)	14,6667	mg/l
Route of exposure / physical form	Vapour	
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.	

**Acute inhalational toxicity**

No data available

**Skin corrosion/irritation**

No	Substance name	CAS no.	EC no.
----	----------------	---------	--------

1	Aliphatic polyisocyanate	28182-81-2	931-274-8
---	--------------------------	------------	-----------

Species	rabbit
Method	OECD 404
Source	ECHA
Evaluation	low-irritant
Evaluation/classification	Based on available data, the classification criteria are not met.

2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
---	---------------------------------	----------	-----------

Species	rabbit
Method	OECD 404
Source	ECHA
Evaluation	non-irritant

**Serious eye damage/irritation**

No	Substance name	CAS no.	EC no.
----	----------------	---------	--------

1	Aliphatic polyisocyanate	28182-81-2	931-274-8
---	--------------------------	------------	-----------

Species	rabbit
Method	OECD 405
Source	ECHA
Evaluation	low-irritant
Evaluation/classification	Based on available data, the classification criteria are not met.

2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
---	---------------------------------	----------	-----------

Species	rabbit
Method	OECD 405
Source	ECHA
Evaluation	non-irritant

**Respiratory or skin sensitisation**

No	Substance name	CAS no.	EC no.
----	----------------	---------	--------

1	Aliphatic polyisocyanate	28182-81-2	931-274-8
---	--------------------------	------------	-----------

Route of exposure	Skin
-------------------	------

Species	guinea pig
Method	OECD 406

Trade name: einza Härter Lawidur 2-K-PU-Lack

Product no.: 0069176

Current version: 2.0.0, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

Source Evaluation	ECHA sensitizing
<b>2</b>	<b>2-methoxy-1-methylethyl acetate</b> <b>108-65-6</b> <b>203-603-9</b>
Route of exposure	Skin
Species	guinea pig
Method	OECD 406
Source	ECHA
Evaluation	non-sensitizing

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
Type of examination	in vitro gene mutation study in bacteria		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity
No data available

Carcinogenicity
No data available

STOT - single exposure
No data available

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
Route of exposure	oral		
Species	rats (male/female)		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Aspiration hazard
No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitisation of the respiratory system leading to an asthmatic condition, wheeziness and a tightness of the chest. Repeated exposure may lead to permanent respiratory disability. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

11.2 Information on other hazards

Endocrine disrupting properties
No data available

Other information  
No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>2-methoxy-1-methylethyl acetate</b>	<b>108-65-6</b>	<b>203-603-9</b>
LC50	100	- 180	mg/l

**Trade name:** einza Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

Duration of exposure	96	h
Species	Oncorhynchus mykiss	
Method	OECD 203	
Source	ECHA	

<b>Toxicity to fish (chronic)</b>
No data available

<b>Toxicity to Daphnia (acute)</b>			
No	Substance name	CAS no.	EC no.
1	Aliphatic polyisocyanate	28182-81-2	931-274-8
EC50		127	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Source	ECHA		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
EC50	>	500	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	EU Method C.2		
Source	ECHA		

<b>Toxicity to Daphnia (chronic)</b>			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
NOEC	>=	100	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

<b>Toxicity to algae (acute)</b>			
No	Substance name	CAS no.	EC no.
1	Aliphatic polyisocyanate	28182-81-2	931-274-8
EC50	>	1000	mg/l
Duration of exposure		72	h
Species	Scenedesmus subspicatus		
Method	OECD 201		
Source	ECHA		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
EC50	>	1000	mg/l
Duration of exposure		96	h
Species	Raphidocelis subcapitata		
Method	OECD 201		
Source	ECHA		

<b>Toxicity to algae (chronic)</b>
No data available

<b>Bacteria toxicity</b>			
No	Substance name	CAS no.	EC no.
1	Aliphatic polyisocyanate	28182-81-2	931-274-8
EC50		3828	mg/l
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
EC10	>	1000	mg/l
Duration of exposure		30	min
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

Trade name: einza Härter Lawidur 2-K-PU-Lack

Product no.: 0069176

Current version: 2.0.0, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

**12.2 Persistence and degradability**

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Aliphatic polyisocyanate	28182-81-2	931-274-8
Type		aerobic biodegradation	
Value		1	%
Duration		28	day(s)
Method		OECD 301 A	
Source		ECHA	
Evaluation		not readily biodegradable	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Type		aerobic biodegradation	
Value		83	%
Duration		28	day(s)
Method		OECD 301 F	
Source		ECHA	
Evaluation		readily biodegradable	

**12.3 Bioaccumulative potential**

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	Aliphatic polyisocyanate	28182-81-2	931-274-8
BCF		141	
Method		QSAR	
Source		ECHA	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow		1,2	
Reference temperature		20 °C	
Method		OECD 117	
Source		ECHA	

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information**

Other information
Do not allow to enter drains or water courses.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product**

Waste code 08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company. Allow paint/varnish to dry out completely in a well-ventilated area and dispose of in residual waste once completely solidified. Dispose of liquid or non-drying residues separately. Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

**Trade name:** einza Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

**Packaging**

Residues in empty containers should be neutralised with decontaminant (see section 6). Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Empty containers must be scrapped or reconditioned.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

<b>ADR/RID/ADN</b>	UN1263
<b>IMDG</b>	UN1263
<b>ICAO-TI / IATA</b>	UN1263

**14.2 UN proper shipping name**

<b>ADR/RID/ADN</b>	PAINT RELATED MATERIAL
<b>IMDG</b>	PAINT RELATED MATERIAL
<b>ICAO-TI / IATA</b>	Paint related material

**14.3 Transport hazard class(es)**

<b>ADR/RID/ADN - Class</b>	3
Label	3
Classification code	F1
Tunnel restriction code	D/E
Hazard identification no.	30
<b>IMDG - Class</b>	3
Label	3
<b>ICAO-TI / IATA - Class</b>	3
Label	3

**14.4 Packing group**

<b>ADR/RID/ADN</b>	III
<b>IMDG</b>	III
<b>ICAO-TI / IATA</b>	III

**14.5 Environmental hazards**

EmS	F-E+S-E
-----	---------

**14.6 Special precautions for user**

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulations**

**Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

Trade name: einza Härter Lawidur 2-K-PU-Lack

Product no.: 0069176

Current version: 2.0.0, Revision: 25.02.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.		No 3, 40	
The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.			
No	Substance name	CAS no.	EC no.
1	2-methoxypropyl acetate	70657-70-4	274-724-2
			No 75
<b>Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances</b>			
This product is subject to Part I of Annex I, risk category:			P5c
<b>Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)</b>			
VOC content		100,00 %	

**National regulations****Water Hazard Class (Germany)**

Class

1

Source

Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

**Other regulations**

GISCODE PU50

PU systems, containing solvents, harmful, sensitising

**Other national regulations**

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment. For example, TRGS (Technical Rules for Hazardous Substances) and the DGUV (German Social Accident Insurance) rules.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

**Creation of the safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

**Alterations/supplements:**

Alterations to the previous edition are marked in the left-hand margin.

This document is an English translation of the legally compliant safety data sheet of the region Germany. This document, including UFI and emergency telephone number, may only be used for placing on the market in the region Germany.

Copyright-protected document. Any changes or reproductions require the express consent of UMCO GmbH.

Prod-ID 653553

# EU safety data sheet

---



**Trade name:** einzA Härter Lawidur 2-K-PU-Lack

**Product no.:** 0069176

**Current version:** 2.0.0, Revision: 25.02.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

---