

## Safety data sheet according to UK REACH

Printing date 08.04.2026

Version number 7

Revision: 08.04.2026

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

- **1.1 Product identifier**
- **Trade name** *DesignCoat IS 75 Unisiegel seidenmatt*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** *Wood-preservative impregnation*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
MUREXIN GmbH  
Franz v. Furtenbachstr. 1  
A-2700 Wiener Neustadt  
Tel.: +43 (0)2622/27401
- **Informing department:** *chemikalieninfo@murexin.com*
- **1.4 Emergency telephone number:**  
UK National poisons Emergency number.: +44 (0) 870 600 6266

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** *Warning*
- **Hazard-determining components of labelling:**  
*Hydrotreated heavy Naphtha  
2-butanone oxime*
- **Hazard statements**  
*H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.*
- **Precautionary statements**

<i>P101</i>	<i>If medical advice is needed, have product container or label at hand.</i>
<i>P102</i>	<i>Keep out of reach of children.</i>
<i>P103</i>	<i>Read carefully and follow all instructions.</i>
<i>P210</i>	<i>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</i>
<i>P261</i>	<i>Avoid breathing mist/vapours/spray.</i>

(Contd. on page 2)

## Safety data sheet according to UK REACH

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Version number 7

Revision: 08.04.2026

**Trade name DesignCoat IS 75 Unisiegel seidenmatt**

(Contd. of page 1)

- P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

- EUH066 Repeated exposure may cause skin dryness or cracking.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable

- **vPvB:** Not applicable

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:** Mixture consisting of the following components with harmless additives.

- **Dangerous components:**

CAS: 64742-48-9 EINECS: 265-150-3	Hydrotreated heavy Naphtha Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066	25-50%
CAS: 64742-48-9 EC number: 918-481-9 Reg.nr.: 01-2119457273-39-xxxx	NAPHTA (petroleum), hydrotreated heavy Asp. Tox. 1, H304 EUH066	10-25%
CAS: 34590-94-8 EINECS: 252-104-2	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	2.5-5%
CAS: 112-07-2 EINECS: 203-933-3	2-butoxyethyl acetate Acute Tox. 4, H312; Acute Tox. 4, H332	1-2.5%
CAS: 39049-04-2 EINECS: 254-259-1	Neodecanoic acid, zirconium salt Acute Tox. 4, H302	1-2.5%
CAS: 64742-47-8 EC number: 920-107-4 Reg.nr.: 01-2119453414-43	Distillates (petroleum), hydrotreated light Asp. Tox. 1, H304 EUH066	1-2.5%
CAS: 85711-46-2 EINECS: 288-306-2	Fatty acids, C14-18 and C16-18-unsatd., maleated Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1-<0.5%
CAS: 108-31-6 EINECS: 203-571-6	maleic anhydride Resp. Sens. 1, H334; STOT RE 1, H372 Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Sens. 1A, H317 EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	<0.1%

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **After inhalation** Take affected persons into the open air and position comfortably

- **After skin contact**

- Instantly wash with water and soap and rinse thoroughly.

- If skin irritation continues, consult a doctor.

(Contd. on page 3)

## Safety data sheet according to UK REACH

Printing date 08.04.2026

Version number 7

Revision: 08.04.2026

**Trade name** DesignCoat IS 75 Unisiegel seidenmatt

(Contd. of page 2)

- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Drink copious amounts of water and provide fresh air. Instantly call for doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
Sand. Do not use water.  
CO2, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**  
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or water bodies.  
Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep containers tightly sealed.
- **Information about protection against explosions and fires:**  
Fumes can combine with air to form an explosive mixture.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class** 3

(Contd. on page 4)

## Safety data sheet according to UK REACH

Printing date 08.04.2026

Version number 7

Revision: 08.04.2026

Trade name DesignCoat IS 75 Unisiegel seidenmatt

(Contd. of page 3)

· 7.3 Specific end use(s) No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

· Components with critical values that require monitoring at the workplace:

#### 34590-94-8 Dipropylene glycol monomethyl ether

WEL	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm
	Sk

#### 112-07-2 2-butoxyethyl acetate

WEL	Short-term value: 332 mg/m <sup>3</sup> , 50 ppm
	Long-term value: 133 mg/m <sup>3</sup> , 20 ppm
	Sk

#### 108-31-6 maleic anhydride

WEL	Short-term value: 3 mg/m <sup>3</sup>
	Long-term value: 1 mg/m <sup>3</sup>
	Sen

· Additional information: The lists that were valid during the compilation were used as basis.

#### · 8.2 Exposure controls

· Appropriate engineering controls No further data; see section 7.

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from foodstuffs, beverages and food.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

· Breathing equipment: Use breathing protection in case of insufficient ventilation.

· Hand protection Protective gloves.

· Material of gloves Butyl rubber, BR

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection Safety glasses

· Body protection: Protective work clothing.

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

· Colour: Light brown

· Smell: Characteristic

· Boiling point or initial boiling point and boiling range 155 °C

##### · Lower and upper explosion limit

· Lower: 0.89 Vol %

· Upper: 14 Vol %

· Flash point: 46 °C

· Decomposition temperature: Not determined

· pH: Not determined

##### · Solubility

· Water: not miscible

· Steam pressure at 20 °C: 1 hPa (64742-48-9 NAPHTA (petroleum), hydrotreated heavy)

(Contd. on page 5)

## Safety data sheet according to UK REACH

Printing date 08.04.2026

Version number 7

Revision: 08.04.2026

Trade name DesignCoat IS 75 Unisiegel seidenmatt

(Contd. of page 4)

<ul style="list-style-type: none"> <li>· <b>Density and/or relative density</b></li> <li>· <b>Density at 20 °C</b> <span style="float: right;">0.9 g/cm<sup>3</sup></span></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>9.2 Other information</b></li> <li>· <b>Appearance:</b></li> <li>· <b>Form:</b> <span style="float: right;">Fluid</span></li> <li>· <b>Important information on protection of health and environment, and on safety.</b></li> <li>· <b>Explosive properties:</b> <span style="float: right;">Product is not explosive. However, formation of explosive air/steam mixtures is possible.</span></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>Information with regard to physical hazard classes</b></li> <li>· <b>Explosives</b> <span style="float: right;">Void</span></li> <li>· <b>Flammable gases</b> <span style="float: right;">Void</span></li> <li>· <b>Aerosols</b> <span style="float: right;">Void</span></li> <li>· <b>Oxidising gases</b> <span style="float: right;">Void</span></li> <li>· <b>Gases under pressure</b> <span style="float: right;">Void</span></li> <li>· <b>Flammable liquids</b> <span style="float: right;">Flammable liquid and vapour.</span></li> <li>· <b>Flammable solids</b> <span style="float: right;">Void</span></li> <li>· <b>Self-reactive substances and mixtures</b> <span style="float: right;">Void</span></li> <li>· <b>Pyrophoric liquids</b> <span style="float: right;">Void</span></li> <li>· <b>Pyrophoric solids</b> <span style="float: right;">Void</span></li> <li>· <b>Self-heating substances and mixtures</b> <span style="float: right;">Void</span></li> <li>· <b>Substances and mixtures, which emit flammable gases in contact with water</b> <span style="float: right;">Void</span></li> <li>· <b>Oxidising liquids</b> <span style="float: right;">Void</span></li> <li>· <b>Oxidising solids</b> <span style="float: right;">Void</span></li> <li>· <b>Organic peroxides</b> <span style="float: right;">Void</span></li> <li>· <b>Corrosive to metals</b> <span style="float: right;">Void</span></li> <li>· <b>Desensitised explosives</b> <span style="float: right;">Void</span></li> </ul>	

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** None

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values that are relevant for classification:

##### **64742-48-9 NAPHTHA (petroleum), hydrotreated heavy**

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

##### **34590-94-8 Dipropylene glycol monomethyl ether**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	9,500 mg/kg (rat)

(Contd. on page 6)

## Safety data sheet according to UK REACH

Printing date 08.04.2026

Version number 7

Revision: 08.04.2026

**Trade name DesignCoat IS 75 Unisiegel seidenmatt**

(Contd. of page 5)

### 112-07-2 2-butoxyethyl acetate

Oral	LD50	2,400 mg/kg (rat)
Dermal	LD50	1,580 mg/kg (rabbit)

### 39049-04-2 Neodecanoic acid, zirconium salt

Oral	LD50	2,000-3,640 mg/kg (rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

#### · Endocrine disrupting properties

None of the ingredients is listed.

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

### 64742-48-9 NAPHTA (petroleum), hydrotreated heavy

IC 50	>100 mg/l (Acartia Tonsa)
LC50	>100 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class (Germany) 2 (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Danger to drinking water if even small quantities leak into soil.

## SECTION 13: Disposal considerations

### · 13.1 Waste treatment methods

#### · Recommendation

Hand over to disposers of hazardous waste.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

#### · Uncleaned packagings:

#### · Recommendation:

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

(Contd. on page 7)

## Safety data sheet according to UK REACH

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Version number 7


Revision: 08.04.2026

Trade name **DesignCoat IS 75 Unisiegel seidenmatt**

Disposal must be made according to official regulations.

(Contd. of page 6)

### SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1263
· 14.2 UN proper shipping name · ADR · IMDG, IATA	1263 PAINT PAINT
· 14.3 Transport hazard class(es) · ADR, IMDG, IATA	
· Class · Label	3 Flammable liquids. 3
· 14.4 Packing group · ADR, IMDG, IATA	III
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user · Kemler Number: · EMS Number: · Stowage Category	Warning: Flammable liquids. 30 F-E, S-E A
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
· Transport/Additional information:	
· ADR · Limited quantities (LQ) · Transport category · Tunnel restriction code	5L 3 D/E
· UN "Model Regulation":	UN 1263 PAINT, 3, III

### SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · Poisons Act
· Regulated explosives precursors None of the ingredients is listed.
· Regulated poisons None of the ingredients is listed.
· Reportable explosives precursors None of the ingredients is listed.
· Reportable poisons None of the ingredients is listed.

(Contd. on page 8)

## Safety data sheet according to UK REACH

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Version number 7

Revision: 08.04.2026

Trade name DesignCoat IS 75 Unisiegel seidenmatt

(Contd. of page 7)

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c** FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · **Relevant phrases**

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH071 Corrosive to the respiratory tract.

- **Contact:** chemikalieninfo@murexin.com (+43 02622/27401)

#### · **Abbreviations and acronyms:**

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ICAO: International Civil Aviation Organisation
- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Corr. 1B: Skin corrosion/irritation – Category 1B
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Resp. Sens. 1: Respiratory sensitisation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1A: Skin sensitisation – Category 1A
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
- Asp. Tox. 1: Aspiration hazard – Category 1

- **\* Data compared to the previous version altered.**