according to 1907/2006/EC, Article 31



**Trade name: POLYURETHANE Resin-matt** 

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

1.1 Product identifier

Trade name: POLYURETHANE Resin-matt

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: Paint/Coating product

1.3 Details of the supplier of the safety data sheet

Supplier:

EPODEX GmbH Contact details for business and private customers (B2C):

 Duisburger Str. 36
 Tel.:
 +44 203 318 28 33

 47829 Krefeld
 E-Mail:
 info@epodex.com

 Germany
 Contact person:
 Mr. Marko Baric

 Website:
 www.epodex.com

Contact details for wholesale customers (B2B):
Tel.: +49 2841 65 69 456
E-Mail: info@epodex-industries.com

Contact person: Mr. Marko Baric

Website: <u>www.epodex-industrie</u>s.com

1.4 Emergency telephone number

Emergency telephone number: +49 (0) 228 19240 poison information center Bonn

### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP). Adverse physicochemical, human health and environmental effects: No other hazards

2.2 Label elements

the product is not classified as dangerous according to Regulation EC 1272/2008

(CLP). Hazard pictograms: None Precautionary statements: None

Special Provisions: EUH210 Safety data sheet available on request.

Contains n-butyl methacrylate: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments: None

2.3 Other hazards vPvB Substances: None – PBT

Substances: None Other Hazards: No other hazards

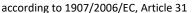
# **SECTION 3: Composition/information on ingredients**

- 3.1 Substances: N.A.
- 3.2 Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

QTY	Name	Ident. Number	Classification
>= 3% - < 5%	2-(2-butoxyethoxy) ethanol	Index number: 603-096-00-8	3.3/2 Eye Irrit. 2 H319
		CAS: 112-34-5	
		EC: 203-961-6	
>= 3% - < 5%	Dipropilen glicol metil etere	CAS: 34590-94-8 EC: 252-104-2	Substance with a Union workplace exposure limit.
>= 0.5% - < 1%	n-butyl methacrylate	Index number: 607-033-00-5 CAS: 97-88-1 EC: 202-615-1	2.6/3 Flam. Liq. 3 H226 3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335 3.2/2 Skin Irrit. 2 H315 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317

Printing Date: 24.03.2022 Vers.-Nr.: 4.0 Revision 24.03.2022





**Trade name: POLYURETHANE Resin-matt** 

### **SECTION 4: First aid measures**

4.1 Description of necessary first-aid measures

In case of skin contact: Wash with plenty of water and soap.

In case of eyes contact: -

In case of Ingestion: -

In case of Inhalation: Remove casualty to fresh air and keep warm and at rest.

4.2 Most important symptoms and effects, both acute and delayed

None

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: None

### **SECTION 5: Firefighting measures**

5.1 Extinguishing media:

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons: None in particular.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3 Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Remove persons to safety.

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3 Methods and materials for containment and cleaning up

Wash with plenty of water.

6.4 Reference to other sections

See also section 8 and 13

# **SECTION 7: Handling and storage**

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Do not eat or drink while working

7.2 Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

None in particular.

Instructions as regards storage premises: Adequately ventilated premises.

7.3 Specific end use(s)

None in particular

### **SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

2-(2-butoxyethoxy)ethanol - CAS: 112-34-5

- OEL Type: EU TWA(8h): 67.5 mg/m3, 10 ppm STEL: 101.2 mg/m3, 15 ppm
- OEL Type: ACGIH TWA(8h): 100 ppm STEL: 150 ppm Notes: Skin Eye and URTirr, CNS impair

according to 1907/2006/EC, Article 31



### **Trade name: POLYURETHANE Resin-matt**

**DNEL Exposure Limit Values** 

N.A.

PNEC Exposure Limit Values

N.A.

8.2 Exposure controls

Eye protection: Not needed for normal use. Anyway, operate according good working practices.

Protection for skin: No special precaution must be adopted for normal use.

Protection for hands: Not needed for normal use.

Respiratory protection: Not needed for normal use.

Thermal Hazards: None

Environmental exposure controls: None Appropriate engineering controls: None

### **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	white liquid		
Odour	Odourless		
Odour threshold:	N.A.		
pH:	N.A.		
Solid content:	28%		
Specific weight:	1		
Flash point °C:	N.A. ° C		
Evaporation rate:	N.A.		
Solid/gas flammability:	N.A.		
Upper/lower flammability or explosive limits:	N.A.		
Vapour pressure:	N.A.		
Vapour density:	N.A.		
Relative density:	N.A.		
Solubility in water:	N.A.		
Solubility in oil:	N.A.		
Partition coefficient (noctanol/water):	N.A.		
Auto-ignition temperature:	No		
Decomposition temperature:	N.A.		
Viscosity:	F4 47"		
Explosive properties:	N.A.		
Oxidizing properties:	N.A.		

### 9.2 Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.		
Fat Solubility:	N.A.		
Conductivity:	N.A.		

according to 1907/2006/EC, Article 31



# Substance Groups relevant properties N.A. -- -- --

### **SECTION 10: Stability and reactivity**

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

Stable under normal conditions.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition products

None

# **SECTION 11: Toxicological information**

11.1 Information on toxicological effects

Toxicological information of the product:

POLYURETHANE Resin-matt

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

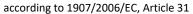
) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified





**Trade name: POLYURETHANE Resin-matt** 

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product: N.A.

### **SECTION 12: Ecological information**

12.1 Toxicity

Adopt sound working practices, so that the product is not released into the environment.

**POLYURETHANE Resin-Matt** 

Not classified for environmental hazards

Based on available data, the classification criteria are not met

12.2 Persistence and degradability

None

N.A.

12.3 Bioaccumulative potential

N.A.

12.4 Mobility in soil

N.A.

12.5 Results of PBT and vPvB assessment vPvB

Substances: None - PBT Substances: None

12.6 Other adverse effects

None

# **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

### **SECTION 14: Transport information**

14.1 UN number

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

N.A.

14.3 Transport hazard class (es)

N.A.

14.4 Packaging group

N.A.

14.5 Environmental hazards

No

14.6 Special precautions for user

N.A.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.

### **SECTION 15: Regulatory information**

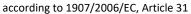
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: No restriction.

Restrictions related to the substances contained:

Restriction 40 Restriction 55 Restriction 75





### **Trade name: POLYURETHANE Resin-matt**

UE(dir 2004/42/CE) Pronto all'Uso / Ready to use Volatile Organic compounds - VOCs = 3.60 % Volatile Organic compounds - VOCs = 36.04 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.01

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

### **SECTION 16: Other information**

Text of phrases referred to under heading 3:

H319 Causes serious eye irritation.

H226 Flammable liquid and vapour.

H335 May cause respiratory irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1,1A,1B	3.4.2/1-1A-1B	Skin Sensitisation, Category 1,1A,1B
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Paragraphs modified from the previous revision:

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

SECTION 2: Hazards identification SECTION 15: Regulatory information

This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

according to 1907/2006/EC, Article 31

# **EPODEX**

### **Trade name: POLYURETHANE Hardener-matt**

### 1.1 Product identifier

Trade name: POLYURETHANE Hardener-matt

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: Mixture of isocyanic polymers

1.3 Details of the supplier of the safety data sheet

Supplier:

EPODEX GmbH Contact details for business and private customers (B2C):

 Duisburger Str. 36
 Tel.:
 +44 203 318 28 33

 47829 Krefeld
 E-Mail:
 info@epodex.com

 Germany
 Contact person:
 Mr. Marko Baric

 Website:
 www.epodex.com

Contact details for wholesale customers (B2B):
Tel.: +49 2841 65 69 456
E-Mail: info@epodex-industries.com

Contact person: Mr. Marko Baric

Website: www.epodex-industries.com

### 1.4 Emergency telephone number

Emergency telephone number: +49 (0) 228 19240 poison information center Bonn

### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

Warning, Acute Tox. 4, Harmful if inhaled.

Warning, Eye Irrit. 2, Causes serious eye irritation.

Warning, Skin Sens. 1, May cause an allergic skin reaction.

Warning, STOT SE 3, May cause respiratory irritation.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects: No other hazards

# 2.2 Label elements



### Warning

### Hazard statements:

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

# Precautionary statements:

261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

 ${\tt P312\ Call\ a\ POISON\ CENTER/doctor/...\ if\ you\ feel\ unwell.}$ 

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

### **Special Provisions:**

EUH204 Contains isocyanates. May produce an allergic reaction.

### Contains

poliisocianato alifatico idrofilo hexamethylene-di-isocyanate

Special provisions according to Annex XVII of REACH and subsequent amendments:

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

2.3 Other hazards vPvB Substances: None – PBT

according to 1907/2006/EC, Article 31



**Trade name: POLYURETHANE Hardener-matt** 

Substances: None Other Hazards: No other hazards

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

- 3.1 Substances: N.A.
- 3.2 Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

QTY	Name	Ident. Number	Classification
>= 70% - < 80%	poliisocianato alifatico idrofilo	CAS: 160994-68-3	3.1/4/Inhal Acute Tox. 4 H332 3.8/3 STOT SE 3 H335 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317 4.1/C3 Aquatic Chronic 3 H412
>= 25% - < 30%	propylene carbonate	Index number: 607-194-00-1 CAS: 108-32-7 EC: 203-572-1	3.3/2 Eye Irrit. 2 H319
>= 0.1% - < 0.25%	hexamethylene-diisocyanate	Index number: 615-011-00-1 CAS: 822-06-0 EC: 212-485-8	3.3/2 Eye Irrit. 2 H319 3.8/3 STOT SE 3 H335 3.2/2 Skin Irrit. 2 H315 3.4.1/1-1A-1B Resp. Sens. 1,1A, 1B H334 3.4.2/1-1A-1B Skin Sens. 1,1A, 1B H317 3.1/3/Inhal Acute Tox. 3 H331

### **SECTION 4: First aid measures**

### 4.1 Description of necessary first-aid measures

### In case of skin contact:

mmediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

### In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.

Protect uninjured eye.

### In case of Ingestion:

Do NOT induce vomiting.

### In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

4.2 Most important symptoms and effects, both acute and delayed

None

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment: None

### **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media:

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons: None in particular.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3 Advice for firefighters

Use suitable breathing apparatus .

according to 1907/2006/EC, Article 31



### **Trade name: POLYURETHANE Hardener-matt**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3 Methods and materials for containment and cleaning up

Wash with plenty of water.

6.4 Reference to other sections

See also section 8 and 13

### **SECTION 7: Handling and storage**

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed. None in particular.

Instructions as regards storage premises: Adequately ventilated premises.

7.3 Specific end use(s)

None in particular

### **SECTION 8: Exposure controls/personal protection**

8.1 Control parameters

hexamethylene-di- isocyanate - CAS: 822-06-0

- OEL Type: ACGIH - TWA(8h): 0.005 ppm - Notes: URT irr, resp sens

**DNEL Exposure Limit Values** 

N.A.

**PNEC Exposure Limit Values** 

N.A.

8.2 Exposure controls

Eye protection: Use close fitting safety goggles, don't use eye lens.

Protection for skin: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands: Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection: Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Use adequate protective respiratory equipment.

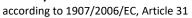
Thermal Hazards: None

Environmental exposure controls: None Appropriate engineering controls: None

### **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and chemical properties

Printing Date: 24.03.2022 Vers.-Nr.: 4.0 Revision 24.03.2022





# **Trade name: POLYURETHANE Hardener-matt**

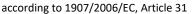
Properties	Value	Method:	Notes:
Appearance and colour:	fluido limpido		
Odour	leggerissimo		
Odour threshold:	N.A.		
pH:	N.A.		
Solid content:	75%		
Specific weight:	1.1724		
Flash point °C:	123°c ° C		
Evaporation rate:	N.A.		
Solid/gas flammability:	N.A.		
Upper/lower flammability or explosive limits:	N.A.		
Vapour pressure:	N.A.		
Vapour density:	N.A.		
Relative density:	N.A.		
Solubility in water:	N.A.		
Solubility in oil:	N.A.		
Partition coefficient (noctanol/water):	N.A.		
Auto-ignition temperature:	No		
Decomposition temperature:	N.A.		
Viscosity:	ford 4 : 2'10"		
Explosive properties:	N.A.		
Oxidizing properties:	N.A.		

# 9.2 Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.		
Fat Solubility:	N.A.		
Conductivity:	N.A.		
Substance Groups relevant properties	N.A.		

# **SECTION 10: Stability and reactivity**

- 10.1 Reactivity
  Stable under normal conditions
- 10.2 Chemical stability
  Stable under normal conditions
- 10.3 Possibility of hazardous reactions None
- 10.4 Conditions to avoid Stable under normal conditions.
- 10.5 Incompatible materials None in particular.
- 10.6 Hazardous decomposition products None





**Trade name: POLYURETHANE Hardener-matt** 

### **SECTION 11: Toxicological information**

11.1 Information on toxicological effects

Toxicological information of the product:

POLYURETHANE Hardener-matt

a) acute toxicity

The product is classified: Acute Tox. 4 H332

b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

d) respiratory or skin sensitisation

The product is classified: Skin Sens. 1 H317

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

he product is classified: STOT SE 3  $\,\mathrm{H}335$ 

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product: N.A.

### **SECTION 12: Ecological information**

12.1 Toxicity

Adopt sound working practices, so that the product is not released into the environment.

POLYURETHANE Hardener-Matt

The product is classified: Aquatic Chronic 3 - H412

12.2 Persistence and degradability

None

N.A.

12.3 Bioaccumulative potential

N.A.

12.4 Mobility in soil

N.A.

12.5 Results of PBT and vPvB assessment vPvB

Substances: None - PBT Substances: None

12.6 Other adverse effects

None

according to 1907/2006/EC, Article 31



**Trade name: POLYURETHANE Hardener-matt** 

### **SECTION 13: Disposal considerations**

13.1 Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

### **SECTION 14: Transport information**

14.1 UN number

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

N.A.

14.3 Transport hazard class (es)

N.A.

14.4 Packaging group

N.A.

14.5 Environmental hazards

N.A.

14.6 Special precautions for user

N.A.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

# **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: No restriction.

Restrictions related to the substances contained:

Restriction 40

Restriction 55

Restriction 75

UE(dir 2004/42/CE) Pronto all'Uso / Ready to use

Volatile Organic compounds - VOCs = 0,00 %

Volatile Organic compounds - VOCs = 0.00 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.00

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

### **SECTION 16: Other information**

Text of phrases referred to under heading 3:

H332 Harmful if inhaled.

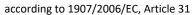
 ${\sf H335\ May\ cause\ respiratory\ irritation}.$ 

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

H319 Causes serious eye irritation.

Printing Date: 24.03.2022 Vers.-Nr.: 4.0 Revision 24.03.2022





### **Trade name: POLYURETHANE Hardener-matt**

H315 Causes skin irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H331 Toxic if inhaled.

Hazard class and hazard category	Code	Description
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Resp. Sens. 1,1A,1B	3.4.1/1-1A-1B	Respiratory Sensitisation, Category 1,1A,1B
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1,1A,1B	3.4.2/1-1A-1B	Skin Sensitisation, Category 1,1A,1B
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Paragraphs modified from the previous revision:

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

SECTION 2: Hazards identification

**SECTION 15: Regulatory information** 

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Acute Tox. 4, H332	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
STOT SE 3, H335	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

I.N.R.S. - Fiche Toxicologique

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.