

# READY-TO-USE DECORATIVE TILE ADHESIVE POWERELASTIK

Safety Data Sheet in accordance with 1907/2006/EC

Version: PL-1-2017

Revision date: 29 January 2018.

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

### 1.1. Product identifier

Trade name: READY-TO-USE DECORATIVE TILE ADHESIVE POWERELASTIK

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

**Identified uses:** Adhesive composition - Product for industrial, craft and private uses intended for application in building purposes. Any other use is advised against.

**Uses advised against:** Not specified.

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

**Supplier:** MJG Sp. z o.o.  
63-100 Śrem, ul. Gostyńska 49

### 1.4. Emergency telephone number

**Emergency telephone number:** 512 055 124 (Monday-Friday, 08:00 a.m. - 04.00 p.m.)  
or **112** (24 h), Fire Service **998** (24h), Ambulance **999** (24h)

## SECTION 2: Hazards identification

**2.1 Classification of mixture Classification in accordance with Regulation (EC) No 1272/2008** The product is not classified according to CLP provisions.

### 2.2 Elements of marking Marking in accordance with Regulation (EC) No 1272/2008

None

Pictograms indicating the type of hazard

None

Hazard statement

None

Hazard identification phrases

None

Safety phrases

It is necessary to take account of such precautions as in the case of handling chemicals. Additional information: EUH208 Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1). May cause an allergic reaction.

### 2.3 Other hazards

Inhalation of aerosol mists may cause a hazard to human health. Results of PBT and vPvB PBT assessment: Not suitable for use. vPvB: Not suitable for use.

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## SECTION 3: Composition/information on ingredients

### 3.1 Chemical characteristics: Substances

As far as this product is concerned, it is a mixture.

### 3.2 Chemical characteristics: Mixture

Description: Acrylic dispersion mixture with safe fillers and with safe admixtures

### Hazardous ingredients:

No ingredients which need to be reported

Other ingredients (>20%):

CAS: 1317-65-3

EINECS: 215-279-6

REACH: \*

Calcium (Calcium carbonate)

50-

100%

Additional guidelines:

Full text of the mentioned guidelines referring to hazards is available in chapter 16.

\* They are not subject to registration in accordance with EC 1907/2006 Appendix V (point 7) or Article 2.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### First aid measures

#### General notes:

Persons who give first aid do not need any personal protective equipment. However, persons who give first aid should avoid contact with the product.

#### Inhalation:

Move the victim to fresh air and lay him/her comfortably. In case of unwellness, take him/her to a doctor. In case of irregular breathing or its loss, apply artificial respiration. In case of loss of consciousness, lay and transport the victim in a stable recovery position.

#### After contact with skin:

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Immediately wash with water and soap and rinse well. Dirty, soaked clothes must be taken off immediately. Wash clothing before reuse. Clean footwear before reuse. In case of persistent skin irritation, seek medical attention.

## After contact with eyes:

Do not rub the eyes because in this way you can cause additional damage to the eyes as a result of mechanical effect. If necessary, remove contacts lenses and rinse the eye with your eyelid open using running water for 20 minutes. If possible, use isotonic eye rinsing fluids (e.g. 0.9 % NaCl). Always consult an occupational medicine doctor or ophthalmologist.

## After swallowing:

Do not induce vomiting. If the victim is conscious, he/she should rinse out mouth with water and drink a large amount of water. Consult a doctor or a central station in charge of poisoning.

## 4.2. The most important acute and delayed symptoms and effects of exposure

Symptoms and effects are described in sections 2 and 11.

## Hazards:

Lack of available further significant data.

## 4.3. Indications relating to any immediate medical attention and special treatment of the victim

As far as possible, during consultations with a doctor, present this safety data sheet of the chemical substance to him/her.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing agents

Useful extinguishing agents:

The mixture is not flammable either in the delivered condition or in the mixed condition. The extinguishing agents and manner of extinguishing fire must be adapted to fire of the surroundings.

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

The product is not explosive or flammable and does not support fires of other materials. Special hazard of fall caused by the spilled or poured out product.

### 5.3 Advice for firefighters

Special measures are not necessary. Contaminated water must be collected separately, it cannot get into sewage system. Residue after fire and contaminated water must be removed in accordance with the provisions.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** Proceed in accordance with the guidelines on reduction of the time of exposure and ensure protective equipment (Point 8).

### 6.2 Means of precaution within the scope of environmental protection

Prevent getting into ground waters, surface waters or into sewage system in non-diluted state or in large amounts.

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**6.3 Methods and materials preventing spreading the contamination and aiming at elimination of contamination** Collect by means of material which bonds liquids (sand, diatomaceous earth, material which bonds acids, universal bonding material, sawdust). Collected material must be removed in a manner consistent with the provisions.

#### **6.4 References to other sections**

Information on safe use, see chapter 7. Information on personal protective equipment, see chapter 8. Information on utilization, see chapter 13.

## **SECTION 7: Handling and storage of substances and mixtures**

### **7.1 Precautions for safe handling**

Ensure good ventilation in the workplace. Avoid contact with eyes and skin. Wear personal protective equipment. Device for washing / water for rinsing eyes and skin should be available. Persons who are inclined to skin diseases or other skin oversensitivity reactions should not work with the product. Do not eat, do not drink, do not smoke during work.

#### **Guidelines for fire and explosion protection:**

Special measures are not necessary.

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

**Requirements for storage rooms and containers:** Keep out of reach of children. Store in well closed cool and dry barrels.

#### **Guidelines for joint storage:**

Keep far away from food, drinks and feed.

#### **Further guidelines for storage conditions:**

Protect against frost. Protect against heat and direct sunlight.

#### **Minimum durability:**

Minimum durability (+5 °C to 25 °C):

See information to be found on the packaging

**Storage class:** 10

### **7.3 Specific uses**

Lack of available further significant data.

## **SECTION 8: Exposure control/personal protective equipment**

### **8.1 Control parameters**

#### **Components together with controlled limit values dependent on the workplace:**

The product does not contain considerable quantities of materials whose limit values would have to be controlled in terms of workplace conditions.

#### **Additional guidelines:**

Currently binding specifications were the basis.

### **8.2 Exposure control**

#### **8.2.1. Personal protective equipment**

##### **General protection and hygiene means:**

Prophylactic skin protection by means of skin protective ointment. Avoid longer and intensive contact with skin. Avoid contact with eyes. Wash hands before break and before the end of work. Keep far away from food, drinks and feed. Do not eat, do not drink, do not smoke during work.

##### **Respiratory protection:**

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Respiratory tract protection only in case of formation of aerosol or mist (type FFP2 according to EN 149)

## **Hand protection:**

Protective gloves, resistant to chemicals in accordance with EN 374. Material of which gloves are made must be impervious and resistant to effect of the product. Due to lack of tests, one cannot provide any recommendation on the material for gloves for protection against the product. Selection of material for protective gloves in consideration of the time of piercing, speed of penetration and degradation. Before each and every use, check whether condition of protective gloves corresponds to the provisions. Prophylactic skin protection is advisable by using skin protection means. To avoid problems with skin, it is necessary to shorten the time of wearing gloves to the required period. Penetration time for material of which gloves are made: Obtain information from a manufacturer of gloves on the precise time of piercing and comply with it. Gloves of the following material are suitable for long-lasting contact: Gloves of nitrile rubber Gloves of synthetic rubber Gloves of PVC Advisable thickness of material:  $\geq 0.15\text{mm}$  Gloves of the following materials are not suitable: Gloves of leather

## **Eye protection:**

In case of a risk of spatters, use tight protective glasses consistent with standard EN 166.

## **Body protection:**

Protective working clothing

## **Risk control measures:**

It is necessary to train staff members within the scope of proper use of personal protective equipment to ensure its required effectiveness.

### **8.2.2. Additional guidelines for making technical devices**

Lack of further data, see point 7.

### **8.2.3. Limitations and environmental exposure control**

Avoid release to the environment. Use up or professionally utilize the product residue.

### **Additional guidelines for making technical devices:**

Lack of further data, see point 7.

## **SECTION 9: Chemical and physical properties**

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

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

General data

Appearance:

Form: In the form of paste

Colour: Cream

Odour: Characteristic

Odour threshold: Not relevant for safety

Value of pH at 20 °C: 8 - 9

Change of state

Flash point:  $> 100\text{ °C}$

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Temperature of burning:

Temperature of decomposition: >825 °C in CaO i CO<sub>2</sub>

Auto-ignition temperature: The product is not self-igniting.

Oxidizing properties: None

Explosive properties: The product does not pose a risk of explosion.

Explosion hazard limits:

Lower: Unspecified

Upper: Unspecified

Vapour pressure: Unspecified

Density at 20 °C: ca. 1.6 g/cm<sup>3</sup>

Solubility in/miscibility with

Water: Fully miscible

Viscosity:

Dynamic at 20 °C: > 3000 mPas

Solvent content:

VOC (EC) 11.2 g/l

VOC (EC) 0.70 % Solid body content: 76.8 %9.2 Other information Lack of available further significant data

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Unknown hazardous reactions.

### 10.2 Chemical stability

The product is stable as long as it is properly stored in a dry place. Thermal decomposition/conditions to avoid: No decomposition in case of using in line with the intended use.

### 10.3 Possibility of hazardous reactions

Unknown hazardous reactions.

### 10.4 Conditions to avoid

Lack of available further significant data

### 10.5 Incompatible materials

Lack of available further significant data

### 10.6 Hazardous decomposition products

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Unknown hazardous decomposition products.

Minimum durability:

Minimum durability (+5 °C to 25 °C): See information to be found on the packaging

**Further data:** Lack of available further significant data.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

The product was not tested.

Assessment based on properties of particular components.

#### **Acute toxicity:**

Based on available data, the classification criteria are not met.

significant classified values LD/LC50:

1317-65-3 Calcium (Calcium carbonate)

Oral

LD50 6450 mg/kg (Rat) (RTECS Data)

#### **Original irritant effects:**

On skin:

Based on available data, the classification criteria are not met.

In eye:

Based on available data, the classification criteria are not met.

Sensitisation:

During longer exposure, sensitisation is possible in case of contact with skin.

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.

Specific target organ toxicity - single exposure (STOT SE):

Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure (STOT RE):

Based on available data, the classification criteria are not met.

Hazard arising from aspiration:

Based on available data, the classification criteria are not met.

### 11.2 Practical experiments

Lack of available further significant data.

### 11.3 General notes

Lack of available further significant data.

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## SECTION 12: Ecological information

### 12.1 Toxicity

The product was not tested. Assessment based on properties of particular components.

Aquatic toxicity:

1317-65-3 Calcium (Calcium carbonate)

LC50 (96h)	>100 mg/l (Rainbow trout - oncorhynchus mykiss) (OECD 203)
LC50 (48h)	>100 mg/l (Daphnia pulex - daphnia magna) (OECD 202)
EC50	>14 mg/l (Chlorophyta - desmodesmus subspicatus) (OECD 201)
	>1000 mg/l (Sewage treatment plant activated sludge) (OECD 209)

### 12.2. Persistence and degradability

Some ingredients are biodegradable

### 12.3. Ability to bioaccumulate

Lack of available further significant data

### 12.4 Mobility in soil

Lack of available further significant data

### Ecotoxic effects:

Lack of available further significant data.

### Behaviour in sewage treatment plants:

Lack of available further significant data.

Type of test Active concentration Method Assessment

Lack of available further significant data.

### Further ecological guidelines:

#### General notes:

Water harmfulness class 1 (Self-determination): harmful to water in a limited degree Prevent getting into ground waters, surface waters or into sewage system in non-diluted state or in large amounts.

### 12.5 Results of PBT and vPvB assessment

PBT: Not suitable for use.

vPvB: Not suitable for use.

### 12.6 Other adverse effects

Lack of available further significant data.



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## Literature

Lack of available further significant data.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Recommendation:

It cannot be subject to treatment with municipal wastes.

The European Waste Catalogue

08 01 20

Water slurries containing paints or lacquers other than mentioned in 08 01 19

17 09 04

Mixed building and demolition wastes other than mentioned in 17 09 01, 17 09 02 and 17 09 03

15 01 02

Plastic packaging

17 09 04 for hardened product

08 01 20 for remainders of unused product

15 01 02 for packaging without remainders

### 13.2 Uncleaned packaging

Recommendation:

Removal in compliance with the binding provisions. Only completely emptied packaging can be collected for recycling.

Recommended cleaning agent:

Water, if necessary, with an additive of cleaning agents.

## SECTION 14: Transport information

### 14.1 Number UN ADR, ADN, IMDG, IATA

None

### 14.2 UN ADR, ADN, IMDG, IATA proper shipping name

None

### 14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class

None

### 14.4 Packing group ADR, IMDG, IATA

None

### 14.5 Environmental hazards Marine pollutants:

No

### 14.6 Special precautions for users

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Not suitable for use

## 14.7 Transport in bulk in accordance with Annex II to the MARPOL convention and the IBC code

Not suitable for use

### UN "Model Regulation":

None

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the substance and mixture

It is necessary to take account of such precautions as in the case of handling chemicals.

Council (EU) 2012/18 Indicated hazardous substances - APPENDIX I :

None of the ingredients are on the list.

#### Provisions of particular countries:

Biozid active substances (98/8/EG):

Data based on the recipe and information on raw materials from deliveries.

Tetramethylol acetylene diurea <0.05%

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC 247-500-7] and 2-methyl-2H  
-isothiazol-3-one [EC 220-239-6] (3:1) <0.0015%

Water hazard class:

Water harmfulness class 1 (Self-determination): harmful to water in a limited degree.

#### Other applicable legal provisions:

· Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

· Regulation of the European Parliament and of the Council (EC) No 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

· Directive (EC) No 1999/45 and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended

· Directive (EC) 1999/45 of the European Parliament and of the Council of 31 May 1999 on the approximation of the statutory, implementing and administrative provisions of the Member States concerning classification, packing and labelling of hazardous preparations (OJ EU L 200 of 30.7.1999, Polish special edition: Chapter 13 Volume 24 - Directive 1999/45/EC - so-called "preparation")

· Restructured ADR European Agreement concerning the international carriage of hazardous materials (OJ 2002 No 194 item 1629) as amended.

· Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorisation and restriction of

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chemicals (REACH)

- Commission Regulation (EU) 2015/1221 of 24 July 2015 amending Regulation of the European Parliament and of the Council (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, for the purpose of adapting it to scientific and technical progress, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (See sections 2.1 and 2.2)
- Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorisation and restriction of chemicals (REACH)
- Regulation (EC) No 1013/2006 on shipments of waste
- Regulation of the Minister of Health of 8 February 2010 on the list of hazardous substances along with classification and marking thereof (OJ No 27, item 140)
- Regulation of the Minister of Health of 2 September 2003 on the criteria and manner of classification of chemical substances and preparations (OJ No 171, item 1666 as amended in OJ No 243 of 2004, item 2440, OJ 2007 No 174 item 1222)
- Regulation of the Minister of Health of 5 March 2009 amending Regulation on the criteria and manner of classification of chemical substances and preparations (OJ No 43 item 353).
- Regulation of the Minister of Health of 5 March 2009 on the information on the packaging of hazardous substances and hazardous preparations as well as certain chemical preparations (OJ No 53 of 1 April 2009 item 439)
- Regulation of the Minister of Health of 14 March 2003 on the manner of marking the places, pipelines, and containers containing hazardous substances or hazardous preparations (OJ No 61 item 552)
- Regulation of the Minister of Health of 29 April 2010 on the hazardous substances and hazardous preparations whose packaging should be fitted with solutions making it difficult to open them by children, as well as with a hazard warning sensible to the touch (OJ No 53, item 544)
- Regulation of the Minister of Labour and Social Policy of 26 September 1997 on general occupational health and safety provisions (OJ No 129 of 1997, item 844 as amended in OJ No 91 of 2002, item 811)
- Regulation of the Minister of the Environment of 27 September 2001 on the catalogue of waste (OJ No 112 of 2001, item 1206)
- Regulation of the Minister of the Environment of 6 June 2002 on the permissible levels of certain substances in air, alarming levels of certain substances in air and tolerance margins for permissible levels of certain substances (OJ No 87/2002, item 796)
- Regulation of the Minister of Health of 1 December 2004 on the substances, preparations, factors or processes of carcinogenic or mutagenic effect in work environment, as amended (OJ of 2004 No 280, item 2771, OJ of 2005, No 160, item 1356)
- Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical factors in the workplace (OJ of 2005 No 11, item 86)
- Regulation of the Minister of Health of 24 July 2015 amending Regulation on occupational health and safety related to the presence of chemical factors in the workplace (OJ 2015 item 1097)
- Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective

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equipment (OJ 2005 No 259 item 2173)

- Regulation of the Minister of the Environment of 9 December 2014 on the catalogue of waste (OJ 2015 item 122)
- Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in work environment (OJ 2011 No 33 item 166)
- Regulation of the Minister of Labour and Social Policy of 6 June 2014 on maximum permissible concentrations and intensities for factors harmful to health in work environment (OJ 2014 No 0, item 817)
- Act of 26 June 1974 - Labour Code (Consolidated text: OJ No 21 of 1998, item 94; as amended)
- Act of 27 April 2001 on waste (OJ No 62 of 2001, item 628 as amended in OJ No 41 of 2002, item 365 No 113 item 984 No 199 item 1671, in OJ No 7 of 2003, item 78, in OJ No 90 of 2004, item 959, No 116 item 1208, No 191 item 1956,) along with Regulation of the Minister of the Environment (OJ No 152 of 2001, item 1735-1737)
- Act of 11 May 2001 on packaging and packaging waste (OJ No 63 of 2001 item 638 as amended in OJ of 2003 No 7 item 78, in OJ of 2004 No 11 item 97, No 96 item 95, in OJ No 175 of 2005, item 1458)
- Act of 20 April 2004 on amending and repealing of certain acts in connection with accession to the European Union by the Republic of Poland (OJ of 2004 No 96, item 959)
- Act of 25 February 2011 on chemical substances and mixtures thereof (OJ 2011 No 63 item 322) as amended
- Act of 15 January 2015 on amendment of the Act on waste and certain others acts (OJ 2015 item 122)
- Act of 14 December 2012 on waste (OJ 2013 No 0 item 21)
- Act of 13 June 2013 on packaging and packaging waste management (OJ 2013 No 0 item 888).
- Announcement of the Marshal of the Sejm of the Republic of Poland of 27 August 2009 on the promulgation of the consolidated text of the act on chemical substances and preparations (OJ No 152, item 1222)
- Technical provisions concerning hazardous substances 900 - permissible level of exposure (TRGS 900, Germany)
- Governmental Declaration of 24 September 2002 on the implementation of amendments to appendixes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), prepared on 30 September 1957 in Geneva (OJ 2002, 194 item 1629) as amended - Act of 20 April 2004 on amending and repealing of certain acts in connection with accession to the European Union by the Republic of Poland (OJ of 2004 No 96 item 959)

## 15.2 Chemical safety assessment

Chemical Safety Assessment has not been conducted.

## SECTION 16: Other information

### Reasons for changes:

\* Data changed in relation to the previous version.

### Relevant phrases:

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

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H413 May cause long-lasting harmful effects for aquatic life.

## Advice to the manual:

Additional trainings which go beyond the training, according to the provisions, for persons performing works with the use of hazardous substances are not necessary.

Division drawing up the list of data:

Products safety division (+43/(0)5522-41646-0 / klaus.ritter@fixit-gruppe.com)

## Partner for contact:

Dr. Klaus Ritter

## 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

MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace, Austria/Germany)

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent, bioaccumulative properties

ADR: Accord européen sur le transport 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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

## Further information:

The data contained in this safety data sheet of the hazardous chemical substance describes safety requirements for our product and is based on the current state of our knowledge. It does not constitute assurance of the product features. The binding acts, regulations and legal acts, also those which have not been mentioned in this safety data sheet, must be observed by a recipient of our product at his/her own responsibility & liability.

**END OF THE SAFETY DATA SHEET**