

# Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830

Trade name of the product:

**PVA**

Date: 01.07.2017., version 2.

**Universal glue**

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

### 1.1 Product identifier

Product name *Glue PVA.*

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

Identified uses *General purpose water based adhesive, interior use, not water resistant.*

### 1.3 Identification of the manufacturer/importer/supplier

Manufacturer, Importer, supplier *Rigas laku un krasu rupnica LTD*  
Registered number *4000328444*  
Address *Str. Daugavgrivas 63/65, LV-1007, Riga, Latvia*  
Telephone *+371-67458776*  
Fax *+371-67458931*  
E-mail *[rilak@rilak.lv](mailto:rilak@rilak.lv)*  
Website *<http://www.rilak.lv>*

### 1.4 Emergency telephones:

Emergency Service in Latvia: *112 (24h)*  
Poison and Drug Information Center hotline (in Riga): *+371-67042473*  
State Poison Center hotline (in Riga) : *+371-67042468*  
Manufacturer / Importer *+371-67458776*

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

### 2.2 Label elements

Label elements according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Hazard pictogram(s) *No hazard pictogram(s).*  
Signal word(s) *No signal word.*

Hazard statement(s): *No hazard statements.*

#### Other hazards:

EUH208 *Contains reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazol-3-one [EC no. 220-239-6] (3:1) . May produce an allergic reaction.*

#### Precautionary statement(s):

##### General

P102 *Keep out of reach of children.*

##### Prevention

P261 *Avoid breathing vapours/spray.*

##### Response

P301 + P312 *IF SWALLOWED: Call a POISON CENTER/ doctor, if you feel unwell.*

P303 + P361 + P353 *IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.*

P305 + P351 + P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

##### Storage

P403 + P233 *Store in a well-ventilated place. Keep container tightly closed.*

##### Disposal

P501 *Dispose of contents/container to in accordance with local regulation.*

#### Supplemental label elements

*Contains reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazol-3-one [EC no. 220-239-6] (3:1) . May produce an allergic reaction.*

### 2.3 Other hazards which do not result in classification:

*Not available.*

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None

**SECTION 3: Composition/information on ingredients****Product definition (REACH)**

Mixture

Product/ingredient name	Identifiers	Classification	Occupational exposure limits mg/m <sup>3</sup>	Concentr. [%]
		Regulation (EC) No. 1272/2008 [CLP/GHS]		
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazol-3-one [EC no. 220-239-6] (3:1) (CMIT/MIT mixture)	CAS: 55965-84-9; EC: 911-418-6 Index: 613-167-00-5 REACH 01-2120764691-48-xxxx	Acute Tox. 2; H330 Acute Tox. 3; H311 Acute Tox. 3; H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M= 1)	-	< 0,0015

**Specific Conc. Limits Regulation (EC) No. 1272/2008 [CLP/GHS]**

Product/ingredient name	Identifiers	Regulation (EC) No. 1272/2008	Concentr. [%]
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazol-3-one [EC no. 220-239-6] (3:1) (CMIT/MIT mixture)	CAS: 55965-84-9; EC: 911-418-6 Index: 613-167-00-5 REACH 01-2120764691-48-xxxx	Eye Irrit.2, H319 Skin Corr.1B, H314 Skin Irrit.2, H315 Skin Sens.1, H317	0,06-0,6 0,6-100 0,06-0,6 0,0015-100

**Additional Information:**

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

For the classifications not written out in full in this section, including the indication of danger and the hazard statements, the full text is listed in section 16.

Occupational exposure limits, if available, are listed in Section 8.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General:**

In all cases of doubt, or when symptoms persist, seek medical attention. Show this safety data sheet or label to the doctor if possible.

**Inhalation:**

Remove patient from exposure. Keep patient warm and at rest. If the patient has difficulty breathing, call a doctor.

**Skin contact:**

Take contaminated clothes off. Wash contaminated skin with warm water and soap, if required, apply cream to dried skin. If skin

**Eye contact:**

Check for and remove any contact lenses. Immediately flush eyes with plenty of lukewarm water, keeping eyelids open. Continue to rinse for at least 15 minutes. If symptoms of irritation appear, consult an ophthalmologist.

**Ingestion:**

Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

Symptoms: No significant symptoms are expected due to the non-classification of the product.

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

If necessary, consult a doctor.

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## SECTION 5: *Firefighting measures*

### 5.1 Extinguishing media

#### **Suitable extinguishing media**

*In case of fire, use water spray (fog), foam, dry chemical or CO2.*

#### **Unsuitable extinguishing media**

*Water jet shall not be used for fire-fighting, as the jet may scatter and facilitate spreading fire.*

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

*This product is not classified as flammable. The product is compound of polymer and water and does not burn easily.*

*Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.*

### 5.3 Advice for fire-fighters

*In case of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).*

## SECTION 6: *Accidental release measures*

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

#### **Emergency procedures**

*Mix spilled product with sand, then shovel up into covered container. For small spills on hard surfaces, allow substance to harden, then scrape up and discard.*

#### **Personal precautions:**

*No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Put on appropriate personal protective equipment (see section 8).*

### 6.2 Environmental precautions

*Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).*

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

#### **Small spill**

*Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.*

#### **Large spill**

*Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).*

#### **Other special information:**

*Do not use solvents.*

### 6.4 Reference to other sections

*See Section 1 for emergency contact information.*

*See Section 8 for information on appropriate personal protective equipment.*

*See Section 13 for additional waste treatment information.*

## SECTION 7: *Handling and storage*

### 7.1 Precautions for safe handling

*The instruction for safe handling the hazardous chemicals/ compounds shall be observed. Provide good ventilation of working area. On prolonged exposure, when working with the product or when painting with airbrush, use appropriate personal protective means. Avoid breathing the paint spray, vapours, or direct contact with skin. If contaminated, thoroughly clean the skin, immediately change the clothing. Prior to next use, the contaminated clothes are to be cleaned. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Wash hands before breaks and immediately after handling the product.*

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## 7.2 Conditions for safe storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from food and drink. The product shall be protected against frost and low temperatures. Storage temperature between +5°C and +30°C is recommended.

## 7.3 Specific end use(s)

Universal glue.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Occupational exposure limits** None

### 8.2 Exposure controls

#### Technical measures

Provide adequate change of air. If natural change of air is not sufficient, provide effective local ventilation.

#### Personal protection measures

##### General information

Follow safety rules for a particular product.

#### Personal protective equipment:



#### Eye protection

Safety eyewear should be used when there is a likelihood of exposure. Use safety eyewear (EN166), especially during spray-application.

#### Hand protection

Wear protective gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Chemical resistant protective gloves (EN 374).

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm).

Barrier creams may also help to protect the exposed areas of the skin.

#### Respiratory protection

If ventilation during spray-application is inadequate, use respirators with combination filter AP, gas/dust filter (EN405:2001). Wear a respirator with type P filter during sanding (EN149:2001). Be sure to use an approved/certified respirator or equivalent. Check that mask fits tightly and change filter regularly.

#### General safety and hygiene measures

Wear protective clothing and footwear. It is desirable for these to be of anti-static material. Prior to next use, the contaminated working clothes are to be cleaned. When working, do not eat, drink or smoke. Prior to lunch break or rest delay, after finishing the work, wash hands and face with water and soap; use appropriate cream, if required. The working places are to be equipped with facilities for washing and rinsing eyes with pure water.

#### Environmental exposure controls

##### General advice:

Avoid release to the environment.

Do not dispose of the product into sewage system, watercourses, and ground waters or spill it onto the soil.

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

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Aggregative state at 20°C	<i>Viscous liquid</i>
Colour	<i>White. It is possible to tone in light tones (base A) or in dark tone (base C).</i>
Odour	<i>Characteristic. [Slight]</i>
pH	<i>7,5 - 9,5</i>
Melting Point (°C) /Freezing Point (°C)	<i>Not available</i>
Boiling point (°C)	<i>Not Flammable</i>
Flash point (°C)	<i>Not Flammable</i>
Auto Ignition Temperature (°C)	<i>Not available.</i>
Explosive limit ranges	<i>Not Flammable</i>
Vapour pressure	<i>Not available</i>
Relative density (20 °C), g/cm <sup>3</sup>	<i>(1,03 - 1,53) ± 0,05</i>
Oxidizing properties	<i>Not an Oxidizer</i>
Solubility in water	<i>Completely miscible</i>
Solubility (Other)	<i>Not available</i>
Partitioning coefficient n-octanol/water (log Kow)	<i>Not available</i>
Dynamic viscosity (20 °C), mPas	<i>30 000 - 100 000</i>
<b>9.2 Other information</b>	<i>No additional information.</i>

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

### 10.1 Reactivity

*No hazardous reactions if stored and handled as prescribed/indicated.*

### 10.2 Chemical stability

*Stable under recommended storage and handling conditions (see Section 7).*

### 10.3 Possibility of hazardous reactions

*Under normal conditions of storage and use, hazardous reactions will not occur.*

### 10.4 Conditions to avoid

*Avoid extreme heat and freezing.*

### 10.5 Incompatible materials

*Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong acids and strong alkalis. Do not dilute with organic solvents.*

### 10.6 Hazardous decomposition products

*Under normal conditions of storage and use, hazardous decomposition products should not be produced.*

## SECTION 11: **Toxicological information**

### 11.1 Information on toxicological effects

There is no testdata available on the product itself.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

#### **Acute toxicity**

CMIT/MIT mixture EC Nr. 911-418-6:

Acute toxicity Oral: LD<sub>50</sub> = 550 mg/kg (rats).

Acute toxicity Inhalation: LD<sub>50</sub> = 330 mg/l (rats; 4h).

**Irritation/Corrosion** *Repeated exposure may cause skin dryness or cracking.*

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CMIT/MIT mixture EC Nr. 911-418-6:

Corrosive.

### Serious eye damage/irritation

CMIT/MIT mixture EC Nr. 911-418-6:

Corrosive.

### Respiratory or skin sensitization

The product is not classified as sensitizing by skin contact, but it contains following preservatives or other biocides which may produce an allergic reaction:

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1).

### Repeated dose toxicity :

*Repeated or prolonged contact with the preparation may cause removal of the natural fat from the skin resulting in contact dermatitis.*

### Mutagenicity

*Not classified.*

### Carcinogenicity

*Not classified.*

### Reproductive toxicity

*Not classified.*

### Teratogenicity

*Not classified.*

### Specific target organ toxicity - single exposure

*Not classified.*

### Specific target organ toxicity - repeated exposure

*Not classified.*

### Aspiration hazard

*Not classified.*

### Other information

*Harmful if taken internally.*

## SECTION 12: Ecological information

### 12.1 Toxicity

*The product is not classified as dangerous for the environment.*

Product/ingredient name	CAS Nr. EC Nr.	Test results
CMIT/MIT mixture	CAS: 55965-84-9; EC: 911-418-6	Very toxic to aquatic life with long lasting effects. LC <sub>50</sub> =0.58 mg/l, fish ( <i>Oncorhynchus mykiss</i> ), 96 h. EC <sub>50</sub> =1.02 mg/l, <i>Daphnia magna</i> (Water flea), 48 h. IC <sub>50</sub> = 0.379 mg/l, 72 h, algae ( <i>Pseudokirchneriella subcapitata</i> ).

### 12.2 Persistence and degradability

CMIT/MIT mixture EC Nr. 911-418-6:

Readily biodegradable (> 60 % 28 d).

### 12.3 Bioaccumulative potential

CMIT/MIT mixture EC Nr. 911-418-6:

log K<sub>OW</sub>=-0,71-0,75. Chemical is not bioaccumulative.  
BCF: 3,6.

### 12.4 Mobility

CMIT/MIT mixture EC Nr. 911-418-6:

Not available.

### 12.5 Results of PBT and vPvB assessment

*Not applicable.*

### 12.6 Other adverse effects

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*Ecological testing has not been conducted on this product.*

*Do not allow to enter drains, water courses or soil.sewage system, even in small quantities.*

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

*The wastes are to be collected into containers intended for collecting wastes. Dispose of in accordance with local regulations.*

**Waste code** 08 01 11 Waste paint and varnish containing organic solvents or other dangerous substances

### Contaminated packaging

*Empty cans should be recycled or disposed of in accordance with local regulations.*

## SECTION 14: Transport information

### 14.1 Land transport

#### ADR/RID

UN number

Proper Shipping Name

Transport hazard class(es)

*Not classified as dangerous for transport*

Packing Group

Hazard identification number

Environmental hazards

Special precautions for user

### 14.2 Sea transport

#### IMDG

UN number

Proper Shipping Name

Transport hazard class(es)

*Not classified as dangerous for transport*

Packing Group

Marine Pollutant

Emergency schedules (EmS)

Special precautions for user

### 14.3 Air transport

#### ICAO/IATA

UN number

Proper Shipping Name

Transport hazard class(es)

*Not classified as dangerous for transport*

Packing Group

Environmental hazards

Special precautions for user

### 14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

*No information available.*

#### Hazard notes:

*No information available.*

## SECTION 15: Regulatory information

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

#### National regulations

*Chemical Substances Law (01.04.1998).*

*Regulations No. Nr.325 "Labour Protection Requirements when Coming in Contact with Chemical Substances at Workplaces". (15.05.2007).*

*Regulation No. 628 "Requirements in Relation to Activities with Biocidal Products" (27.08.2013).*

#### EU Regulations

*EU Regulations (EC) 1907/2006 (REACH), 1272/2008 (CLP), 453/2010/ES, 286/2011, 618/2012, 487/2013, 944/2013, 605/2014, 2016/918, 528/2012.*

**Other regulations** *Not available.*

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## 15.2 Chemical Safety Assessment

*No information available.*

## SECTION 16: OTHER INFORMATION

### Full text of abbreviated H statements

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects.
EUH 208	Contains reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazol-3-one [EC no. 220-239-6] (3:1) . May produce an allergic reaction.

### Full text of classifications [CLP/GHS]

Acute Tox. 3, H301	ACUTE TOXICITY (oral) - Category 3
Acute Tox. 3, H311	ACUTE TOXICITY (dermal) - Category 3
Acute Tox. 3, H330	ACUTE TOXICITY (inhalation) - Category 1
Aquatic Acute 1, H400	AQUATIC HAZARD (ACUTE) - Category 1
Aquatic Chronic 1, H410	AQUATIC HAZARD (LONG-TERM) - Category 1
Skin Corr. 1B, H314	SKIN CORROSION/IRRITATION - Category 1B
Skin Sens. 1, H317	SKIN SENSITIZATION - Category 1

### List of abbreviations

EU	European Union.
EC	European Commission
REACH	Registration, Evaluation and Authorisation of Chemicals
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]
BCF	Bioconcentration Factor
BOD	Biological Oxygen Demand
CAS	Chemical Abstracts Service
EINECS	European Inventory of Existing Commercial Substances
LC <sub>50</sub>	Median lethal concentration
LD <sub>50</sub>	Median lethal dose
EC <sub>50</sub>	Median Effective Concentration (required to induce a 50% effect)
IC <sub>50</sub>	Median immobilisation concentration or median inhibitory concentration
log Kow	Octanol/Water Partition Coefficient
PBT	Persistent Bioaccumulative and Toxic.
vPvB	Very Persistent and Very Bioaccumulative substances
EUH	CLP-specific Hazard statement
statement	
UN	United Nations
RID	International Carriage of Dangerous Goods by Rail
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods
IATA	Dangerous Goods Regulations (DGR) Manual
MARPOL 73/78	International Convention for the Prevention of Pollution from Ships, MARPOL 73/78.
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk.

### Instruction for application:

*Provided on the labels and in the technical specification.*

### Additional information

*The additional information on a product can be received by ph. +371 67-458563*

*The information of this MSDS is based on the present state of our knowledge and on current EC laws. It is meant as a description of the safety requirements of our product: it is not be considered as a guarantee of the products properties.*



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