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

- 1.1 Product identifier Trade name: <u>PVA D3 Adhesive</u>
- 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 Adhesive
- 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:

UAB "TEGRA STATE", Kirtimų g. 67, LT-02244 Vilnius Tel./faksas +370 5 266 11 67, www.tegra.lt, www.tegrastate.lt

Further information obtainable from: info@tegra.lt

1.4 Emergency telephone number: European emergency number: 112 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 The product is not classified, according to the CLP regulation.

2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void Hazard statements Void Additional information: EUH208 Contains a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H - isothiazol-3-one [EC No 220-239-6] (3:1). May produce an allergic reaction. EUH210 Safety data sheet available on request. Keep out of the reach of children Contains biocidal products: a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 247-500-7]

2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.



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SECTION 3: Composition/information on ingredients

3.1 Mixtures

Description: Water dispersion of polyvinyl acetate reologically modified.

Dangerous components:			
CAS: 108-32-7 EINECS: 203-572-1 Reg.nr.: 01-2119537232-48-XXXX	propylene carbonate Image: Optimized transformation of the second	<5,000%	
CAS: 108-32-7 EINECS: 203-572-1 Reg.nr.: 01-2119537232-48-XXXX	a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)	<0.0015%	
	Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317 Specific concentration limits: Skin Corr. 1B; H314: $C \ge 0.6 \%$ Skin Irrit. 2; H315: 0.06 % $\le C < 0.6 \%$ Eye Dam. 1; H318: $C \ge 0.6 \%$ Eye Irrit. 2; H319: 0.06 % $\le C < 0.6 \%$ Skin Sens. 1A; H317: $C \ge 0.0015 \%$		

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product. After inhalation: Supply fresh air; consult doctor in case of complaints. After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor. After swallowing: If symptoms persist consult 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.



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SECTION 5: Firefighting measures

5.1 Extinguishing media
 Suitable extinguishing agents:
 Foam.
 Fire-extinguishing powder.
 Carbon dioxide.
 Water haze.
 For safety reasons unsuitable extinguishing agents: Water with full jet.

- **5.2** Special hazards arising from the substance or mixture Carbon monoxide (CO). Carbon diooxide (CO₂).
- **5.3** Advice for firefighters **Protective equipment:** Wear self-contained respiratory protective device. **Additional information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Protect eyes and skin. Wear goggles and gloves. Avoid direct contact.
- 6.2 Environmental precautions: Do not allow to enter sewers / surface or ground water.
- **6.3** Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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 disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling At work do not eat, drink or smoke. Avoid contact with respiratory system, skin and eyes. See also section 8. No special measures required. Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
 Storage:
 Requirements to be met by storerooms and receptacles:
 Store in a cool location.
 Keep away from water and moisture.
 Information about storage in one common storage facility: See Section 10.



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Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7. Individual protection measures, such as personal protective equipment General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection: Not required.

Hand protection



Protective gloves

EN 374

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. **Material of gloves**

Nitrile rubber.

Recommended thickness of the material: ≥ 0.1 mm.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

≥480 min

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

Eye/face protection Goggles recommended during refilling.





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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information		
Physical state	Fluid	
Colour	White	
Odour	Characteristic	
Odour threshold	Not determined	
Melting point/freezing point	Not determined	
Boiling point or initial boiling point and boiling range	Not determined	
Flammability	Not applicable	
Lower and upper explosion limit		
Lower	Not determined	
Upper	Not determined	
Flash point	Not applicable	
Auto-ignition temperature	Product is not selfigniting	
Decomposition temperature	Not determined	
рН	2,5-3,5	
Viscosity:		
Kinematic viscosity	Not determined	
Dynamic	~ 12 000 mPas	
Solubility water	Miscible	
Partition coefficient n-octanol/water (log value)	Not determined	
Vapour pressure	Not determined	
Density and/or relative density		
Density	$1,1 \pm 0,05 \text{ g/cm}^3$	
Relative density	Not determined	
Vapour densit	Not determined	

9.2 Other information

Appearance:		
Form	Liquid	
Important information on protection of health and environment, and on safety.		
Explosive properties	Product does not present an explosion hazard.	
Change in condition		
Evaporation rate	Not determined	
Information with regard to physical hazard classes		
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Void	



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Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions if the regulations / notes for storage and handling of the product will be respected.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if stored and applied as directed. This cross-linked polymer will release formaldehyde in application processes involving the use of greater than 100 °C (212 F).

- **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 data available.

10.6 Hazardous decomposition products:

Hazardous decomposition products are not known if the regulations/ guidelines for storage and handling of the product are followed.

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. 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. Respiratory or skin sensitisation 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 Based on available data, the classification criteria are not met. 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.



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11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

- 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 1 (German Regulation) (Self-assessment): slightly hazardous for water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of in a safe manner in accordance with local / national regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Do not allow to enter surface or ground water.

Assigning a code from the waste catalogue depends on the sector, in which the user operates, as well as on arrangements made between the waste generator and a competent environment protection department.

European waste catalogue

The listed waste code numbers, according to the European Waste Catalogue (EWC) are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

15 01 02	plastic packaging
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Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.



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SECTION 14: Transport information

14.1 UN number or ID number ADR, ADN, IMDG, IATA	Not applicable
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Not applicable
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Not applicable
14.4 Packing group ADR, IMDG, IATA Not applicable	Not applicable
14.5 Environmental hazards: Marine pollutant	No
14.6 Special precautions for user	Not applicable
14.7 Maritime transport in bulk according to IMO instruments Not applicable.	Not applicable
UN "Model Regulation"	Not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances	
in electrical and electronic equipment – Annex II	

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Other regulations, limitations and prohibitive regulations

Restrictions on the marketing and use of certain dangerous substances and mixtures (Annex XVII, REACH): No restriction

Substances of very high concern (SVHC) according to REACH, Article 57 None of the ingredients is listed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.



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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

H301 Toxic if swallowed.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Version number of previous version:

Abbreviations and acronyms:

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) PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Acute Tox. 3: Acute toxicity - Category 3 Acute Tox. 2: Acute toxicity - Category 2 Skin Corr. 1B: Skin corrosion/irritation - Category 1B Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1A: Skin sensitisation - Category 1A Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

