

Safety data sheet

according to 1907/2006/EC, Article 31; (EU) 2015/830

Printing date 11.02.2019

Version number 56

Revision: 07.02.2019

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

- **1.1 Product identifier**
 - Trade name **Jowacoll 103.10 (Parador glue D3, Art. Nr. 1454732)**
- **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**
 - Dispersion glue
 - Additive
 - Adhesives
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**

Jowat SE
Ernst-Hilker-Str. 10 - 14; D - 32758 Detmold
Fon +49 (0)5231 749 0; Fax +49 (0)5231 749 236
e-mail: info@jowat.de
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 - **Department issuing data specification sheet:**

Environmental management
Tel. +49 5231 749 -218 / -211 / -270
e-mail: umweltmanagement@jowat.de
 - **Department providing the information:**

Environmental management
Fon: +49 5231 749 211 Fax: +49 5231 749 6211
e-mail: umweltmanagement@jowat.de
- **1.4 Emergency telephone number: -**

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** not applicable
 - **Hazard pictograms** not applicable
 - **Signal word** not applicable
 - **Hazard statements** not applicable
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
 - **Description:**

aqueous polymer emulsion
polyvinyl acetate
 - **Dangerous components:** not applicable
 - **SVHC** Not applicable.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information**

Instantly remove any clothing soiled by the product.
No special measures required.
 - **After skin contact**

Instantly wash with water and soap and rinse thoroughly.
The product does not irritate the skin.

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- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** In case of persistent symptoms consult physician.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

* SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
 - **Protective equipment:**
No special measures required.
Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or water bodies.
Prevent from spreading (e.g. by damming-in or oil barriers).
- **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 information on disposal.
No dangerous materials are released.

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Store in cool, dry place in tightly closed containers.
Prevent formation of aerosols.
 - **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage**
 - **Requirements to be met by storerooms and containers:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:**
Protect against frost.
Keep container tightly sealed.
 - **Storage class** 12
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
 - **Components with critical values that require monitoring in the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **Additional information:** The lists that were valid during the compilation were used as basis.

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8.2 Exposure controls

- **Additional information about design of technical systems:** No further data; see item 7.
- **Personal protective equipment**
 - **General protective and hygienic measures**
Standard precautionary measures for handling chemicals are to be observed.
Wash hands during breaks and at the end of work.
 - **Breathing equipment:**
Short term filter device:
Only when applied by spray methods, if no adequate extraction system is in place (EN 149).
Filter A/P2
Filter P2.
Not necessary if room is well-ventilated.
 - **Protection of hands:** Not required.
 - **Material of gloves**
Recommended thickness of the material: ≥ 0.3 mm
Plastic gloves
 - **Penetration time of glove material** Value for the permeation: Level ≤ 6
 - **Gloves made of the following material are suitable for the permanent contact with this material in work areas which do not have an above-average risk of injury (e.g. laboratories):**
Plastic gloves
 - **For the permanent contact gloves made of the following materials are suitable:** Plastic gloves
 - **Not suitable are gloves made of the following materials:**
Leather gloves
Strong gloves
 - **Eye protection:** Safety glasses recommended during refilling and spraying.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | |
|---|--|
| · General Information | |
| · Appearance: | |
| · Form: | Fluid |
| · Colour: | White |
| · Smell: | Characteristic |
| · Odour threshold: | Not determined. |
| · pH-value at 20 °C: | 3 |
| · Change in condition | |
| · Melting point/freezing point: | ~0 °C |
| · Initial boiling point and boiling range: | 100 °C |
| · Flash point: | Not applicable |
| · Inflammability (solid, gaseous) | Not applicable. |
| · Decomposition temperature: | Not determined. |
| · Spontaneous combustion: | Product does not undergo spontaneous combustion. |
| · Explosive properties: | Product is not explosive. |
| · Critical values for explosion: | |
| · Lower: | Not determined. |
| · Upper: | Not determined. |
| · Vapour pressure at 20 °C: | 23 hPa |
| · Density at 20 °C | 1.08 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |
| · Evaporation rate | Not determined. |

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· Solubility in / Miscibility with	
· Water:	Fully miscible
· distribution ratio (n-octanol/water):	Not determined.
· Viscosity:	
· dynamic at 20 °C:	11,000 mPas
· kinematic:	Not determined.
· Solvent content:	
· Organic solvents:	0.3 %
· Solid content:	51.0 %
· 9.2 Other information	No further relevant information available.
· VOC - Volatile Organic Compounds	
· European Union	0.32 %
· Switzerland	0.27 %
· U.S.A (less water and less exempts)	3.2 g/l / 0.03 lb/gal

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Carbon monoxide
Ethanoic acid

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **LD/LC50 values that are relevant for classification:** void
 - **Primary irritant effect:**
 - **to the skin:** Based on available data, the classification criteria are not met.
 - **to the eye:** Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **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.

* 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.
- **Additional ecological information:**
 - **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.

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Do not allow the product to reach ground water, open water or the sewer system, undiluted or in large quantities.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

* **SECTION 13: Disposal considerations**

· **13.1 Waste treatment methods**

· **Recommendation**

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

· **European waste catalogue**

08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
15 01 02	plastic packaging

· **Adhesives, dry, solid mass**

Smaller quantities can be disposed with household garbage.

Waste disposal key number 20 01 28: paint, inks, adhesives and resins other than those mentioned in 20 01 27.

· **Uncleaned containers/packaging material:**

· **Recommendation:**

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

Packaging can be reused or recycled after cleaning.

Dispose of packaging according to regulations on the disposal of packagings.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Packaging with cured adhesive residues can be recycled.

Packaging with cured adhesive residues can be treated as household waste.

· **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

· **14.1 UN-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

· **14.5 Environmental hazards:**

· **Marine pollutant:**

No

· **14.6 Special precautions for user**

Not applicable.

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

Not applicable.

· **Transport/Additional information:**

Not dangerous according to the above specifications.

· **UN "Model Regulation":**

not applicable

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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.

· LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

None of the ingredients is listed.

- REGULATION (EC) No 1907/2006 ANNEX XVII None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. They shall, however, not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

All standard industrial precautions apply, concerning protection of health, and safe handling. The recommendations have to be examined in the context of the application for which the product is intended, and observed as necessary.

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

· * Data modified in comparison to the previous version.