

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.02.2015

Version number 30

Revision: 13.02.2015

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

* 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
 - Trade name **Jowapur 150.50**
 - **Article number:** 15050
- **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
- **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
Jowat AG
Ernst-Hilker-Str. 10 - 14; D - 32758 Detmold
Tel. +49 (0)5231 749 0; Fax +49 (0)5231 749 236
e-mail: info@jowat.de
www.jowat.de
 - **Department issuing data specification sheet:**
Environmental management
Ellen Lange / Tina Friedrich / Jan-Peter Boelcke
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e-mail: umweltmanagement@jowat.de
 - **Department providing the information:**
Jowat Universal Adhesives Pty. Ltd.
2/12 Kerr Road
Ingleburn, NSW 2565
Tel.: +612 9605 3477
Fax: +612 9605 8477
Mobil: +61 435 093524
E-Mail: shane.devereaux@jowatpacific.com

* 2 Hazards identification

- **Classification of the substance or mixture**
The product is not classified according to the Globally Harmonised System (GHS).
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** void
 - **Information concerning particular hazards for human and environment:**
According to the calculation of the "General Classification guideline for preparations of the EU" (Directive 1999/45/EC of the European Parliament and of the Council) in the latest valid version, the product is not subject to labelling requirements.
- **Label elements**
 - **GHS label elements** not applicable
 - **Hazard pictograms** not applicable
 - **Signal word** not applicable
 - **Hazard statements** not applicable
- **Other hazards**
 - **REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL; ANNEX XVII**
void
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

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* 3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**

- **Description:**

aqueous polymer emulsion
Polyurethane resin

- **Dangerous components:**

68439-49-6	Alcohols, C16-18, ethoxylated ☒ Xn R22; ☒ Xi R36; ☒ N R51/53 ☒ Acute Tox. 3, H301; ☒ Eye Irrit. 2, H319	0.3-<0.5%
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4 First aid measures

- **Description of first aid measures**

- **General information** No special measures required.

- **After skin contact**

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

- **After eye contact** Rinse opened eye for several minutes under running water.

- **After swallowing** In case of persistent symptoms consult physician.

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

No further relevant information available.

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

No further relevant information available.

5 Firefighting measures

- **Extinguishing media**

- **Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- **Special hazards arising from the substance or mixture**

Can be released in case of fire

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

- **Advice for firefighters**

- **Protective equipment:**

No special measures required.

Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.

- **Environmental precautions:**

Do not allow product to reach sewage system or water bodies.

Prevent from spreading (e.g. by damming-in or oil barriers).

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

- **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.

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No dangerous materials are released.

7 Handling and storage

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

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **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.
- **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.
 - **Breathing equipment:**
Only when applied by spray methods, if no adequate extraction system is in place (EN 149).
Filter A/P2
Short term filter device:
Filter P2.
Not necessary if room is well-ventilated.
 - **Protection of hands:** Protective gloves and barrier cream.
 - **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

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- **Eye protection:** Safety glasses recommended during refilling.

* 9 Physical and chemical properties

· 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:	8
· Change in condition	
· Melting point/Melting range:	Not determined
· Boiling point/Boiling range:	100 °C
· Flash point:	Not applicable
· Inflammability (solid, gaseous)	Not applicable.
· Ignition temperature:	> 550 °C
· Decomposition temperature:	Not determined.
· Spontaneous combustion:	Product does not undergo spontaneous combustion.
· Danger of explosion:	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	
· Relative density	1.05 g/cm ³
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· Water:	Not miscible or difficult to mix
· distribution ratio (n-octanol/water):	Not determined.
· Viscosity:	
· dynamic at 20 °C:	3000 mPas
· kinematic:	Not determined.
· Solvent content:	
· Organic solvents:	0.8 %
· Solid content:	40.0 %
· Other information No further relevant information available.	
· VOC - Volatile Organic Compounds	
· European Union	0.74 %
· Switzerland	0.71 %
· U.S.A (less water and less exempts)	1.2 g/l / 0.01 lb/gl

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10 Stability and reactivity

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

11 Toxicological information

- **Information on toxicological effects**
 - **Acute toxicity:**
 - **LD/LC50 values that are relevant for classification:** void
 - **Primary irritant effect:**
 - **to the skin:** No irritant effect.
 - **to the eye:** No irritant effect.
 - **Sensitisation:** No sensitizing effect known.
 - **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations (Directive 1999/45/EC of the European Parliament and of the Council) as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Toxicity**
 - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
 - **Additional ecological information:**
 - **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow the product to reach ground water, open water or the sewer system, undiluted or in large quantities.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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<ul style="list-style-type: none"> · European waste catalogue 		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">08 04 10</td> <td style="padding: 2px;">waste adhesives and sealants other than those mentioned in 08 04 09</td> </tr> </table>	08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09	
<ul style="list-style-type: none"> · Adhesives, dry, solid mass 		
<p>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.</p>		
<ul style="list-style-type: none"> · Uncleaned containers/packaging material: 		
<ul style="list-style-type: none"> · Recommendation: 		
<p>Dispose of packaging according to regulations on the disposal of packagings. Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.</p>		
<ul style="list-style-type: none"> · Recommended cleaning agent: Water, if necessary with cleaning agent. 		

*14 Transport information

<ul style="list-style-type: none"> · UN-Number 	
----------------------------------------------------------------------	--

<ul style="list-style-type: none"> · ADG, ADN, IMDG, IATA 	not applicable
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<ul style="list-style-type: none"> · UN proper shipping name 	
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<ul style="list-style-type: none"> · ADG, ADN, IMDG, IATA 	not applicable
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<ul style="list-style-type: none"> · Transport hazard class(es) 	
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<ul style="list-style-type: none"> · ADG, ADN, IMDG, IATA 	
---------------------------------------------------------------------------------	--

<ul style="list-style-type: none"> · Class 	not applicable
------------------------------------------------------------------	----------------

<ul style="list-style-type: none"> · Packing group 	
--------------------------------------------------------------------------	--

<ul style="list-style-type: none"> · ADG, IMDG, IATA 	not applicable
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<ul style="list-style-type: none"> · Environmental hazards: 	
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<ul style="list-style-type: none"> · Marine pollutant: 	No
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<ul style="list-style-type: none"> · Special precautions for user 	Not applicable.
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<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
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<ul style="list-style-type: none"> · Transport/Additional information: 	Not dangerous according to the above specifications.
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<ul style="list-style-type: none"> · UN "Model Regulation": 	-
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<ul style="list-style-type: none"> · Transport of dangerous goods: National Regulations 	Not a Dangerous Good according to the Australian Dangerous Goods Code (ADG 7) for transport by Road and Rail.
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*15 Regulatory information

<ul style="list-style-type: none"> · Safety, health and environmental regulations/legislation specific for the substance or mixture

<ul style="list-style-type: none"> · Standard for the Uniform Scheduling of Medicines and Poisons

67-64-1	acetone	S5
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<ul style="list-style-type: none"> · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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*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.

· **Relevant phrases**

H301 Toxic if swallowed.

H319 Causes serious eye irritation.

R22 Harmful if swallowed.

R36 Irritating to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **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

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

Acute Tox. 3: Acute toxicity, Hazard Category 3

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

· * **Data modified in comparison to the previous version.**

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