

Safety data sheet

according to UK REACH Regulation

Printing date 30.09.2022

Version number 45

Revision: 30.09.2022

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

1.1 Product identifier

· Trade name **Jowat 950.20**

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

Glue

Adhesives

1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Jowat SE

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1.4 Emergency telephone number:

-

InfraServ Hoechst - Gefahrenabwehrmeldezentrale

D - 65926 Frankfurt

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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 GB 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

· Additional information:

Contains formaldehyde. May produce an allergic reaction.

Safety data sheet available on request.

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: Adhesive.

· Dangerous components: not applicable

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- **Additional information**

If any R-phrases (risk-phrases) are listed, please refer for the exact wording to section 16.

* SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **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.

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

Formation of toxic gases is possible during heating or in case of fire.

Can be released in case of fire

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

- **5.3 Advice for firefighters**

- **Protective equipment:**

Wear self-contained breathing apparatus.

Do not inhale explosion gases or combustion gases.

* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

- **6.2 Environmental precautions:** No special measures required.

- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.

- **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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**

Store in cool, dry place in tightly closed containers.

Ensure that suitable extractors are available on processing machines. In the context of the risk assessment, it is necessary to evaluate whether and to what extent protective measures are required. If necessary, a workplace measurement has to be carried out.

- **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:** None.

- **Storage class** 11

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

* SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Additional information about design of technical systems:** No further data; see item 7.

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- **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.

- **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.

Keep away from food, beverages and animal feed.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of work.

Vacuum clean contaminated clothing. Do not blow or brush off contamination.

Do not eat or drink while working.

- **Breathing equipment:** Not required.

- **Protection of hands:** Protective gloves.

- **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

- **Eye protection:** Not required.

SECTION 9: Physical and chemical properties

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

- **General Information**

- **Appearance:**

- **Form:** Solid.
- **Colour:** According to product specification
- **Smell:** Characteristic
- **Odour threshold:** Not determined.

- **pH-value at 20 °C:** 5.8

- **Change in condition**

- **Melting point/freezing point:** Not determined
- **Initial boiling point and boiling range:** Not determined

- **Flash point:** Not applicable

- **Inflammability (solid, gaseous)** Product is not inflammable.

- **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:** Not applicable.

- **Density at 20 °C** 0.65 g/cm³
- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.

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· Solubility in / Miscibility with · Water:	Unsoluble
· distribution ratio (n-octanol/water):	Not determined.
· Viscosity: · dynamic: · kinematic:	Not applicable. Not applicable.
· Solvent content: · Organic solvents:	0.1 %
· Solid content:	100.0 %
· 9.2 Other information · VOC - Volatile Organic Compounds · European Union · Switzerland · U.S.A (less water and less exempts)	0.09 % 0.09 % 0.6 g/l / 0.00 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** Reacts with strong acids and alkali
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Inflammable gases/vapours
Carbon monoxide and carbon dioxide
Small quantities of formaldehyde may be formed

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.
- **Additional toxicological information:**
 - **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.

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- **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.

- **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** Smaller quantities can be disposed with household garbage.

- **Uncleaned containers/packaging material:**

- **Recommendation:**

- Packaging with cured adhesive residues can be recycled.

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

SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, ADN, IMDG, IATA** not applicable

- **14.2 UN proper shipping name**

- **ADR** not applicable

- not applicable

- **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.

- **UN "Model Regulation":**

- not applicable

* SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

- **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)

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ICAO: International Civil Aviation Organisation

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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