

SDS REPORT

No.: C3210114023-CO

DATE: Jan. 21, 2021

APPLICANT:

DESCRIPTION OF SAMPLES:

Sample Name : Liquid Glue
Model No. : /
Brand Name : /
Manufacturer Name :
Buyer Name : /
Country of Origin : /
Country of Destination : /
Sample Receiving Date : Jan. 15, 2021
Testing Period : Jan. 15, 2021 to Jan. 21, 2021
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, 1272/2008, Regulation (EU) No 2015/830 and are provided per attached.

Authorized by: CTS (Ningbo) Testing Service Technology Co., Ltd.

Jane

Jane.Ye

Lab Manager



The measurement results only apply to the submitted samples.

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CTS (Ningbo) Testing Service Technology Co., Ltd.

Fl.1 & 8 West, Bldg. B, No. 66, Qingyi Rd., Hi-Tech Zone, Ningbo, Zhejiang, China

Tel: +86-574-87912121 (16 lines)

Fax: +86-574-87907993

Complaint line: +86-574-87908003

E-mail: cts@cts-lab.com

See Reverse For Terms And Conditions of Service

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

- **1.1 Product identifier**
- **Trade name:** *Liquid Glue*
- **Registration number:** *No available data.*
- **UFI number:** *No available data*
- **Other means of identification:** *No available data*

- **1.2 Relevant identified uses of the substance or mixture and uses advised against on**
- **Application of the substance/ mixture:** *Adhesive.*
- **Uses advised against:** *No data available.*
- **Reason why uses advised against:** *No data available.*

- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
-
- Tel:**
- Fax:** /
- Email:**
- **Only Representative/other EU contact point:** *No information available.*
- **Further information obtainable from:** .

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **2.1.1 Classification according to regulation (EC) 1272/2008:** The product is not classified according to CLP Regulation.
- **2.2 Label elements**
 - **Labeling according to Regulation (EC) No 1272/2008:** The product is not labelled according to CLP Regulation.
 - **Hazard pictograms:** Not applicable
 - **Signal word:** Not applicable
 - **Hazard-determining components of labelling:** Not applicable
 - **Hazard statements:** Not applicable
 - **Precautionary statement:** Not applicable
 - **Supplemental label elements:** Not applicable
- **2.3 Other hazards**

None ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None ingredients ($\geq 0.1\%$) identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

• 3.1 Substance

Not applicable

• 3.2 Mixtures

• **Description of the mixture:** Liquid Glue

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Water	7732-18-5	-	231-791-2	88	None	-
Polyvinyl acetate	9003-20-7	-	-	12	None	-

SECTION 4: First aid measures

• 4.1 Description of first aid measures

General advice: No special immediate medical required.

After inhalation: Supply with fresh air. Get medical attention if you feel unwell.

After skin contact: No special measures required normally, If there are signs of irritation or other symptoms seek medical attention.

After eye contact: Rinse eyes with water. If eye irritation occurs: Get medical advice/attention.

After swallowing: Wash mouth. Get medical attention if you feel unwell.

• 4.2 Most important symptoms and effects, both acute and delayed: No known symptoms or effects.

• 4.3 Indication of any immediate medical attention and special treatment needed: No special immediate medical attention or special treatment needed.

SECTION 5: Fire-fighting measures

• 5.1 Extinguishing media

• **Suitable extinguishing agents:** Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish.

• **Unsuitable extinguishing media:** Water with full jet.

• 5.2 Special hazards arising from the substance or mixture: No special hazards arising from the mixture.

• 5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures

• 6.1.1 For non-emergency personnel

Protective equipment: Dust mask.

Emergency procedures: Ensure good ventilation; Wear dust mask.

• 6.1.2 For emergency responders

Personal protective equipment: Protective gloves/ eye protection/ face protection/ dust mask.

• 6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.

• 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Dispose contaminated material as waste according to section 13.

• 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: No special precaution for safe handling.

• **Information about fire and explosion protection:** Normal measures for preventive fire protection.

- **7.2 Conditions for safe storage, including any non-compatibility**
- **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilated place.
- **Information about storage in one common storage facility:** No further requirements.
- **Further information about storage conditions:** No further requirements.
- **7.3 Specific end use(s):** See section 1.2.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** No available data.
- **DNELs:** No available data.
- **PNECs:** No available data.
- **Additional information:** The lists valid during the marking were used as basis.
- **8.2 Exposure controls**
- **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**
- **Appropriate engineering controls:**
Handle in accordance with good industrial hygiene and safety practice; See section 7 for information about design of technical facilities.
- **Personal protective equipment**
- **Eye and face protection:** No special eye and face protection required.
- **Skin protection**
- **Hand protection:** No special protection of hands required.
- **Other skin protection:** No special protection of body required.
- **Respiration protection:** Dust mask is recommended.
- **Thermal hazards:** No special requirement.
- **Environmental exposure controls:**
Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• Physical state	Viscous liquid
• Color	White
• Odor & Odor threshold	Odorless
• Melting point/freezing point	Not determined
• Boiling point or initial boiling point and boiling range	100°C (water)
• Flammability	Not flammable paste
• Lower and upper explosion limit	Not applicable
• Flash point	>93°C (closed cup)
• Auto-ignition temperature	Not applicable
• Decomposition temperature	Not determined
• pH	6-8 at 20°C
• Kinematic viscosity (mm²/s)	Not determined
• Solubility	Soluble in water

· Partition coefficient n-octanol/water (log value)	Not determined
· Vapor pressure	Not determined
· Density and/or relative density	Not determined
· Relative vapor density	Not determined
· Particle characteristics	Not applicable
· 9.2 Other information	
· 9.2.1 Information with regard to physical hazard classes:	
· Explosives	Not applicable
· Flammable gases	Not applicable
· Aerosols	Not applicable
· Oxidising gases	Not applicable
· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable
· 9.2.2 Other safety characteristics	
· Mechanical sensitivity	Not applicable
· Self-accelerating polymerisation temperature	Not applicable
· Formation of explosible dust/air mixtures	Not applicable
· Acid/alkaline reserve	Not applicable
· Evaporation rate	Not applicable
· Miscibility	Not applicable
· Conductivity	Not applicable
· Corrosiveness	Not applicable
· Gas group	Not applicable
· Redox potential	Not applicable
· Radical formation potential	Not applicable
· Photocatalytic properties	Not applicable
· Other physical and chemical parameters	Not determined

SECTION 10: Stability and reactivity

- 10.1 Reactivity: The product is no-reactive under normal conditions of use, storage and transport.
- 10.2 Chemical stability: Under storage at normal ambient temperatures, the product is stable.
- 10.3 Possibility of hazardous reactions: No known hazardous reaction.

- **10.4 Conditions to avoid:** High temperature.
- **10.5 Incompatible materials:** Strong acids and oxidizing agents.
- **10.6 Hazardous decomposition products:** No known hazardous decomposition products.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

ATEmix (oral)	>2000mg/kg
ATEmix (dermal)	>2000mg/kg
ATEmix (inhal.)	>20mg/l (vapor)

LD50/LC50 values relevant for classification:

9003-20-7 Polyvinyl acetate

Rat	LD50-oral	>25000mg/kg
Mouse	LD50-oral	>25000mg/kg

Remark: All the above data are from literature.

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** 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.
- **Summary of evaluation of the CMR properties:** This mixture is not classified as CMR mixture.
- **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.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties:

None ingredient is considered to have endocrine-disrupting properties with respect to humans as it meets the criteria set out in section A of Regulation (EU) No 2017/2100.

11.2.2 Other information: No known other relevant information on adverse health effects.

SECTION 12: Ecological information

- **12.1 Toxicity:** No available data.
- **12.2 Persistence and degradability:** No available data.
- **12.3 Bio-accumulative potential:** No available data.
- **12.4 Mobility in soil:** No available data.

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

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

• **12.6 Endocrine disrupting properties:**

None ingredient has endocrine disrupting properties with respect to non-target organisms as it does not meet the criteria set out in section B of Regulation (EU) No 2017/2100.

• **12.7 Other adverse effects:** *No known other adverse effects.*

• **12.8 Additional ecological information**

• **General notes:** *WGK1 (German Regulation) (self-assessment): Low hazard to waters.*

Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

• **13.1 Waste treatment methods**

• **Recommendation:** *Small quantities can be disposed together with household garbage.*

• **13.2 Un-cleaned packaging**

• **Recommendation:** *Dispose of contents/container in according to the local/regional/national/ international regulation.*

SECTION 14: Transport information

• 14.1 UN-Number <i>ADR, RID, ADN, IMDG, IATA</i>	<i>Not regulated as dangerous transport goods, not applicable</i>
• 14.2 UN proper shipping name <i>ADR, RID, ADN, IMDG, IATA</i>	<i>Void</i>
• 14.3 Transport hazard class (es) <i>ADR, RID, ADN, IMDG, IATA</i> <i>Class</i> <i>Label</i>	<i>Void</i> <i>Void</i>
• 14.4 Packing group <i>ADR, RID, ADN, IMDG, IATA</i>	<i>Void</i>
• 14.5 Marine pollution	<i>No</i>
• 14.6 Special precautions for user • <i>Danger code (Kemler)</i> • <i>EMS number</i>	<i>Void</i> <i>Void</i> <i>Void</i>
• 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	<i>Void</i>

SECTION 15: Regulatory information

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

• **MAK (German Maximum Workplace Concentration):** *None of the ingredients is listed.*

• **Directive 2012/18/EU**

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

• **Seveso category:** *Not applicable*

• **Qualifying quantity (tonnes) for the application of lower-tier requirements:** *Not applicable*

• **Qualifying quantity (tonnes) for the application of upper-tier requirements:** *Not applicable*

- **National regulations.**
- **Water hazard class:** WGK 1 (German Regulation) (self-assessment): Low hazard to waters.
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** None of the ingredients is listed.
- **REACH Regulation Annex XVII Restriction:** None of the ingredients is listed.
- **REACH Regulation Annex XIV Authorization List:** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

• **16.1 Indication of changes:**

Not applicable

16.2 Abbreviations and acronyms:

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.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

• **16.3 Key literature references and sources for data:**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dgmv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

• **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:**

Not applicable.

• **16.5 Relevant H- and EUH-phrases (number and full text):**

Not applicable.

• **16.6 Training advice:**

Workers must be educated and trained so they can read SDS and understand the hazards, and know how to work safely with hazardous products.

• **16.7 Further information**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

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End of safety data sheet