

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:**

HOT MELT GLUE STICK COLORED GLUE STICK GLITTER GLUE STICK

Other means of identification:

Article No.: TTC, TT7-8, TT7-1

UFI code: No available data.

1.2 Relevant identified uses of the substance or mixture and uses advised against**Relevant identified uses:**

Consumer uses, adhesives.

Uses advised against:

No available data.

Reason why uses advised against:

No available data.

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Tiantian Adhesive Factory.

No. 21, Xunfeng West Road, Chengnan Industrial Function Zone, Meicheng City, Jiande District.

Post code: 311600

Tel: +086-15558262951

Email: sales03@ast-ts.cn

National contact: /

Only Representative/other EU contact point:

No information available.

1.4 Emergency telephone number

Tel: / (Only available during the following office hours 9:00-17:30)

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.

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

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

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• **Hazard statements:**

Not applicable

• **Precautionary statement:**

Not applicable

• **Supplemental label elements:**

Not applicable

• **2.3 Other hazards**

None of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.None of the ingredients ($\geq 0.1\%$) are identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

• **3.2 Mixtures**

• **Description of the mixture:**

HOT MELT GLUE STICK COLORED GLUE STICK GLITTER GLUE STICK.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Ethylene-vinyl acetate copolymer	24937-78-8	-	-	50-70	None	-
Hydrocarbon resin	68132-00-3	-	-	5-42	None	-
Pentaerythrityl Rosinates	8050-26-8	-	232-479-9	0-30	None	-
Paraffin wax	8002-74-2	-	232-315-6	<5	None	-

Additional information:

Full text of H- and EUH-statements, see SECTION 16.

SECTION 4: First aid measures

• **4.1 Description of first aid measures**

• **General notes:**

Get medical attention if you feel unwell.

• **Following inhalation:**

Supply with fresh air.

Get medical attention if you feel unwell.

• **Following skin contact:**

No specific measure needed normally.

If there are signs of irritation or other symptoms, seek medical attention.

• **Following eye contact:**

Rinse cautiously with water for several minutes.

If eye irritation occurs: Get medical advice/attention.

• **Following ingestion:**

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

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· Self-protection of the first aider:

Wear disposable, latex free gloves.

· 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are as indicated in sections 2 and 11.

· 4.3 Indication of any immediate medical attention and special treatment needed:

Treat according to symptom, there is not known specific medicine.

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

· Hazardous combustion products:

May produce toxic fumes of carbon monoxide if burning.

· 5.3 Advice for firefighters

· Protective equipment:

Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

· 6.1.1 For non-emergency personnel

· Protective equipment:

Respiration protection.

· Emergency procedures:

Ensure adequate ventilation.

Avoid breathing dust.

· 6.1.2 For emergency responders

· Personal protective equipment:

Respiration protection.

· 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

· 6.3.1 For containment:

Bunding, covering of drains.

· 6.3.2 For cleaning up:

Pick up mechanically.

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6.3.3 Other information:

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:

Protective measures:

No special precautions for safe handling are normally required.

Measures to prevent fire:

Normal measures for preventive fire protection.

Measures to prevent aerosol and dust generation:

Ensure well ventilation at workplace.

Measures to protect the environment:

Avoiding spills or keeping away from drains.

Advice on general occupational hygiene:

Wear respiration protection.

7.2 Conditions for safe storage, including any non-compatibility

Technical measures and storage conditions:

Store in a cool and well-ventilated place.

Packaging materials:

No specific material.

Requirements for storage rooms and vessels:

No further requirements.

Storage class:

13.

Further information on storage conditions:

No further requirements.

7.3 Specific end use(s)

Recommendations:

See section 1.2.

Industrial sector specific solutions:

No further information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Country	Limit value - Eight hours	Limit value - Short term
8002-74-2 Paraffin wax		

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Belgium	2 mg/m ³	-
Denmark	2 mg/m ³	4 mg/m ³
Finland	1 mg/m ³	-
France	2 mg/m ³	-
Ireland	2 mg/m ³	6 mg/m ³ (15 minutes reference period)
Poland	2 mg/m ³	-
Spain	2 mg/m ³	-
United Kingdom	2 mg/m ³	6 mg/m ³

- **DNELs:** No available data.

- **PNECs:**

PNEC type	Value
8050-26-8 Pentaerythryl Rosinates	
Freshwater	100 µg/L
Intermittent releases (freshwater)	1 mg/L
Marine water	10 µg/L
Sewage treatment plant (STP)	2.525 mg/L
Sediment (freshwater)	2 317.75 mg/kg sediment dw
Sediment (marine water)	231.78 mg/kg sediment dw
Soil	462.06 mg/kg soil dw

- **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.**

- **8.2.1 Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

- **8.2.2 Personal protection equipment**

- **Eye/face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

- **Skin protection**

- **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

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Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Face protection



Safety boots



Safety overalls

Face shield, gauntlets, boots, bodysuit are recommended.

• **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

• **8.2.3 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	Solid
• Color	Glitter. colored. transparent
• Odor & Odor threshold	Odorless
• Melting point/freezing point (or softening point/range)	Softening point: 83±2°C Melting point: 90-130°C
• Boiling point or initial boiling point and boiling range	Not determined
• Flammability	Not flammable solid
• Lower and upper explosion limit	Not applicable
• Flash point	Not applicable
• Auto-ignition temperature	Not determined
• Decomposition temperature	Not determined
• pH	Not determined
• Kinematic viscosity (mm²/s)	Not determined
• Solubility	Not determined
• Partition coefficient n-octanol/water (log value)	Not applicable
• Vapor pressure	Not applicable

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· Density and/or relative density	Not determined
· Relative vapor density	Not applicable
· Particle characteristics	Not determined
· 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	Open time: 20-25 SEC Solidity Time: 10-20SEC Viscosity: 15000 Cpa·s (>160°C); 10000 Cpa·s (>180°C)

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SECTION 10: Stability and reactivity

· **10.1 Reactivity:**

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The product is non-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 oxidizing agent and acids.

• **10.6 Hazardous decomposition products:**

Does not decompose when used for intended uses.

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.

Species	Effective Dose	Results	Method/Source
8050-26-8 Pentaerythryl Rosinates			
Rat	LD50-oral	>2000 mg/kg	ECHA registered dossier.
8002-74-2 Paraffin wax			
Rat	LD50-oral	>5000 mg/kg	ECHA registered dossier.
Rat	LD50-dermal	>2000 mg/kg	ECHA registered dossier.

• **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.

• **STOT-single exposure:**

Based on available data, the classification criteria are not met.

• **STOT-repeated exposure:**

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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 of the ingredients ($\geq 0.1\%$) are considered to have endocrine-disrupting properties with respect to humans, as none of them meet 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 ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

· **12.6 Endocrine disrupting properties:**

None of the ingredients ($\geq 0.1\%$) are considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them 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): slightly hazardous to water.

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.

Large quantities disposed must be in according to the local/regional/national/ international regulation.

· **13.2 Un-cleaned packaging**

· **Recommendation:**

Dispose of contents/container in according to the local/regional/national/ international regulation.

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SECTION 14: Transport information

• 14.1 UN number or ID number

• ADR/ADN/RID (2025 Edition)	Not applicable/Not regulated, this product is not subject to ADR/ADN/RID.
• IMO/IMDG (42-24)	Not applicable/Not regulated, this product is not subject to IMO/IMDG code.
• IATA-DGR (66th)	Not applicable/Not regulated, this product is not subject to IATA-DGR.

• 14.2 UN proper shipping name

• ADR/ADN/RID (2025 Edition)	Not applicable/Not regulated
• IMO/IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated

• 14.3 Transport hazard class (es)

• ADR/ADN/RID (2025 Edition)	Not applicable/Not regulated
• IMO/IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated

• 14.4 Packing group

• ADR/ADN/RID (2025 Edition)	Not applicable/Not regulated
• IMO/IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated

• 14.5 Environmental hazards

• Environmentally hazardous (ADR/ADN/RID)	No
• Marine Pollutants (Yes/No)	No
• Special mark (ADR/ADN/RID)	No

• 14.6 Special precautions for user

• Danger code (Kemler)	Not applicable/Not regulated
• EMS number	Not applicable/Not regulated

• 14.7 Maritime transport in bulk according to IMO instruments

Not applicable/Not regulated

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 are listed.

• Directive 2012/18/EU

• Named dangerous substances-ANNEX I:

None of the ingredients are 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

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- **National regulations.**

- **Water hazard class:**

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients are listed.

- **REACH Regulation Annex XVII Restriction:**

None of the ingredients are listed.

- **REACH Regulation Annex XIV Authorization List:**

None of the ingredients are listed.

- **15.2 Chemical safety assessment:**

A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

- **16.1 Indication of changes:**

None.

- **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.dguv.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) 1272/2008 [CLP]:**

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See section 2.1 (classification).

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

None.

· **16.6 Training advice:**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

· **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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