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Report No.: 0903172-074

# MSDS Report

Sample Description

Hot Melt Glue Stick

Applicant

Hangzhou Tianchuang Chemical  
Technology Co., Ltd.

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## Material Safety Data Sheet

### Section 1: Chemical Product and Company Identification

**Sample Name:** Hot Melt Glue Stick

**Company Identification:** Hangzhou Tianchuang Chemical Technology Co., Ltd.

**Mainland Address:** Changqian industrial district, Hangzhou city, China

**Post Code:** 311121

**TEL:** +86 571 88620907

**FAX:** +86 571 88620836

### Section 2: Composition, Information on Ingredients

Chemical Name	Percent (by weight)	CAS No.	EINECS
Paraffin waxes (petroleum), hydrotreated	0-20%	64742-51-4	265-154-5
Ethylene-vinyl acetate copolymer	20-50%	24937-78-8	N/A
Petroleum resin	30-50%	64742-16-1	265-116-8

### Section 3: Hazards Identification

#### EMERGENCY OVERVIEW

Safe under normal use. May cause eye, skin, respiratory and digestive tract irritation.

**Target Organs:** Eye, skin, respiratory tract.

**Hazard Sorts:** None.

**Potential Health Effects:**

- > **Eye:** Safe under normal use. If contacted may cause eye irritation.
- > **Skin:** Safe under normal use. Prolonged contact may cause irritation and dermatitis.
- > **Ingestion:** Will not occur under normal use. May cause irritation of the digestive tract.



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**Inhalation:** Safe under normal use. Vapors and fumes may cause irritation of the nose, throat, and respiratory tract.

## Section 4 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids, until no evidence of the material remains. Get medical attention if eye irritation develops or persists.

**Skin:** If irritation appears flush with plenty of soap and water; in case of contact with molten material flush with plenty of cold water; do not attempt to remove solidified material. Consult a physician for burn treatment.

**Inhalation:** If exposure to fumes, remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Ingestion:** Do NOT induce vomiting. If victim is conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

## Section 5 - Fire Fighting Measures

**General Information:** This product is combustible at high temperatures. Toxic fumes, gases or vapors may evolve on burning. As in any fire, wear a self-contained breathing apparatus in pressure-demand and full protective gear.

**Extinguishing Media:** Foam, carbon dioxide, or dry chemical. Do not point solid water stream directly into burning product to avoid spreading.

## Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Wear suitable protective equipment. If liquid, allow to harden, then sweep up or peel from floor and place in suitable container for disposal.





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## Section 7 - Handling and Storage

**Storage:** Store in a cool, dry, well-ventilated area away from sunlight and any source of heat. Keep container tightly closed when not being used.

**Handling:** Use with appropriate ventilation. Avoid prolonged or repeated breathing of vapors. Avoid skin contact. Wash thoroughly after handling.

## Section 8 - Exposure Controls, Personal Protection

**Exposure Limit:**

**Composition: CAS# 64742-51-4**

- No data available.

**Composition: CAS# 24937-78-8**

- REL-TWA 10 mg/m<sup>3</sup> (ACGIH)

**Composition: CAS# 64742-16-1**

- PEL-TWA 15 mg/m<sup>3</sup> (OSHA)

- TLV-TWA 10 mg/m<sup>3</sup> (ACGIH)

**Monitoring Methods:** No Information found.

**Engineering Controls:** Ventilation controls are not typically necessary, but may be used to reduce odors. Equipped with safety shower and eyes bath.

**Personal Protective Equipment:**

**Eyes:** Appropriate protective eyeglasses is recommended.

**Skin and Clothing:** Recommended to wear heat protective gloves when handling adhesives. Long sleeve clothing to protect from thermal burns.

**Respirators:** No special requirement under ordinary conditions of use when adequate ventilation is provided. Use a respirator or mask if irritation or other symptoms are experienced.

**Other Protection:** No smoking or eating scene work. To maintain good health habits.



**Viscosity: 0.93 g/cm<sup>3</sup>**  
**Melting Point: 75-85°C**  
**Solubility: Insoluble in water**  
**Chemical Uses: Stickiness**  
**Viscosity: 4500cps**

## Section 10 - Stability and Reactivity

**Chemical Stability: Stable under normal condition.**  
**Conditions to Avoid: Excess heat.**  
**Incompatibilities with Other Materials: Strong oxidants and bases.**  
**Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.**  
**Irritating and toxic fumes and gases.**  
**Hazardous Polymerization: Will not occur.**

## Section 11 - Toxicological Information

**Toxicological Information:**  
**Composition: CAS# 64742-51-4**  
**- LD50: >5000 mg/kg (oral, rat)**  
**Composition: CAS# 24937-78-8**  
**- LD50: 2920 mg/kg (oral, rat)**  
**Composition: CAS# 64742-16-1**  
**- No data available.**  
**Carcinogenicity: Not listed by ACGIH, NTP, or CA Prop 65.**  
**Sensitization Rate: Not available.**  
**Teratogenicity: Not available.**

## Section 12 - Ecological Information

**Ecological Toxicity: Not available.**  
**Ecological Degradation: Not available.**  
**Abiology Degradation: Not available.**





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## Section 12 - Ecological Information

**Ecological Toxicity: Not available.**  
**Ecological Degradation: Not available.**  
**Abiology Degradation: Not available.**

## Section 13 - Disposal Considerations

**Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.**

**RCRA P-Series: None listed.**  
**RCRA U-Series: None listed.**

## Section 14 - Transport Information

**Not regulated as a hazardous material for transportation. (D.O.T) TDG; IMDG; IATA DGR)**

**UN: N/A**

**Classification: N/A**

**Packaging Sign: N/A**

**Shipping Name: N/A**

**Packaging Category: N/A**

**Packaging Method: Corrugated paper box**

**Transport Fashion: By sea**

**Shipping Notice: Keep a complete package. Handle with care. The transport vehicles should be equipped with the corresponding species and quantity of fire equipment and leakage emergency equipment. During transport, the containers should be ensured that do not leak, collapse, fall or damaged. Keep away from sunshine, rain, water, and high temperature.**





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## Section 15 - Regulatory Information

**Regulatory Information: Reference to the local, national and EU / international regulations.**

**TSCA:** All chemicals of this product are listed.  
**DSL:** All chemicals of this product are listed.  
**OSHA:** None of the chemicals in this product are listed  
**California Prop 65:** None of the chemicals in this product are listed

**Hazard Symbols:** None

**Risk Description:** None

**Safety Description:**

**S 24/25; Avoid contact with skin and eyes.**

## Section 16 - Additional Information

**Issue Time: 2009-03-30**

**Issue Department: Technical department**

**Data review unit:**

**Modification record:**

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Other Information:**

ACGIH: ( American Conference of Governmental Industrial Hygienists ) ;CAS: ( Chemical Abstracts Service ) ;DOT: ( Department of Transportation ) ;DSL: ( Domestic Substances List ) ;EINECS: ( European Inventory of Existing Commercial Substances ) ;IATA: ( International Air Transport Association ) ;IMDG: ( International Maritime Dangerous Goods ) ;LD50: ( Lethal dose, 50 percent kill ) ;NIOSH: ( National Institute for Occupational Safety and Health ) ;NTP: ( National Toxicology Program ) ;OSHA: ( Occupational Safety and Health ) ;PEL: ( Permissible Exposure Level ) ;REL: ( Recommended Exposure Limit ) ;STEL: ( Short Term Exposure Limit ) ;TDG: ( Transportation of Dangerous Goods ) ;TSCA: ( Toxic Substances Control Act ) ;TWA: ( Time Weighted Average ) ;TLV: ( Threshold Limit Value )



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