

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Hot melt glue stick

Version 1.0

Issue date: 03/03/2017

Revision date: 03/03/2017

SDS Record Number: CSSS-TCO-010-117887

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

1.1 Product identifier:

Identification on the label/Trade name: Hot melt glue stick

Additional identification: Not available

Identification of the product: See section 3

Index Number: Not available

REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Bond

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): -

Supplier(Manufacturer): Tian Tian Adhesive Factory

Address: Meicheng South Industrial Zone, Jiande City

Contact person(E-mail): shou.tt@163.com

Telephone: +86-571-64147176

Fax: +86-571-64145948

1.4 Emergency telephone Number:

+86-571-64147176

Available outside office hours? YES NO

Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

For full text of H- phrases: see section 2.2.

2.2 label elements:

Hazard Pictograms: No hazard pictogram is used.

Signal Word(S): No signal word is used.

Hazard Statement: Not applicable.

Precautionary statement: Not applicable.

2.3 Other hazards:

Product name: Hot melt glue stick

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Not available.

Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
EVA	-	24937-78-8	-	50~70%	Not Classified
Petroleum resins	-	64742-16-1	265-116-8	5~42%	Not Classified
Paraffin wax	-	8002-74-2	232-315-6	<5%	Not Classified

Section 4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

4.1.2 In case of skin contact:

Washing of exposed skin after use is recommended to reduce general chemical contact.

4.1.3 In case of eyes contact:

Rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops or persists.

4.1.4 In case of ingestion:

Never give anything by mouth to an unconscious person. Wash out mouth with water. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical aid.

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

The product is not classified as harmful to human health effect.

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

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use media suitable for the material that is burning.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released: Carbon oxides.

5.3 Special fire fighting methods and special protective actions for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:	Provide adequate ventilation. Avoid inhalation of dust. Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details.
6.1.2 For emergency responders:	Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.
6.2 Environmental Precautions:	Avoid disposing into drainage/sewer system or directly into the aquatic environment.
6.3 Methods for Containment and Cleaning up:	Take up 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:

7.1.1 Protective measures: Good hygienic practices should be observed. Avoid contact with skin and eyes. Avoid breathing dust. If exposed to high dust concentration, leave area immediately. Work clothes should be washed separately at the end of each work day. Keep away from sources of ignition. Ensure good ventilation/exhaustion at the workplace.

7.1.2 Advice on general occupational hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated area. Material should be stored in a clean, dry environment in original packaging and not exposed to ignition sources.

7.3 Specific end use(s): Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Paraffin wax(CAS#8002-74-2):
Occupational Exposure Limit Value (8-hour reference period): 2 mg/m³
Occupational Exposure Limit Value (15-minute reference period): 6 mg/m³ (Ireland)

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses with side shields or vented safety goggles.

Hand protection: Appropriate protective gloves should be worn as necessary.

Body protection: Wear easily washable clothing. Wash clothing after each shift.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards: Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls: Avoid discharge into the environment.
According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solid
Colour:	White
Odour:	Not available
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	160-180°C
Boiling point/range (°C):	>= 341 - <= 665 °C(CAS#8002-74-2)
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Non-flammable
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (80°C):	0-20 Pa (CAS#8002-74-2)
Vapour density:	Not available
Density:	0.79 - 0.94 g/cm ³ at 15°C (CAS#8002-74-2)
Bulk density (kg/m ³):	Not available
Water solubility (g/l):	Insoluble
n-Octanol/Water (log Po/w):	log Pow = 5.3 - 6.7 (CAS#8002-74-2)
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	5300cps
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

9.2. Other information:

Fat solubility(solvent– oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Specific gravity:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials. Excess heat.
10.5 Incompatible materials:	Strong oxidizing agents.
10.6 Hazardous decomposition products:	Carbon oxides

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Paraffin wax(CAS#8002-74-2)

LD50(Oral, Rat): > 5 000 mg/kg bw female

LD50(Dermal, Rat): > 2000 mg/kg bw

LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Section 12 Ecological information

12.1 Toxicity:

Paraffin wax(CAS#8002-74-2)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LL50	> 100 mg/L	96h	Fish	OECD 203	N/A	N/A
EL50	> 10 000 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EL50	> 1 000 mg/L	72h	Algae	OECD 201	N/A	N/A

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: The product is insoluble in water.

12.5 Results of PBT&vPvB assessment: Not available.

12.6 Other adverse effects: Not available.

Section 13 Disposal considerations

13.1 Waste treatment methods: The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

Section 14 Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated

Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated	Not regulated	Not regulated

Section 15 Regulation information

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

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National regulations: Not applicable

15.2 Chemical Safety Assessment has been carried out? YES NO

Section 16 Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU) 2015/830

16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.



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