

# Material Safety Data Sheet

Report No.: RTMS-TCO-001-100095EN

Date: 30/05/2011

## 1 Identification of the substance/preparation and of the company/undertaking

### Product details

.Trade name: Hot melt glue stick

.Application of the substance: Bond.

.Manufacturer/Supplier: Tian Tian Adhesive Factory of Suzhou

.Tel: 86-571-64147176

.Fax: 86-571-64145948

.E-mail: -

.Information in case of emergency:

.Tel: +86-571-64147176

## 2 Composition/information on ingredients

### Chemical characterization

.Description: The component of this product is in the form of element listed below with additions.

Components Number	CAS Number	Approximate(%)by Wt.Or Vol.	GHS Classification
EVA	24937-78-8	50~70%	Not classified
Petroleum resins	64742-16-1	5~42%	Not classified
Abietic resin	8050-26-8	0~30%	Not classified
Paraffin wax	8002-74-2	<5%	Not classified

## 3. Hazards identification

### .Potential Health Effects:

.Eye: The product is not classified as harmful by eye contact.

.Skin: The product is not classified as harmful by skin contact.

.Ingestion: The product is not classified as harmful by ingestion contact.

.Inhalation: The product is not classified as harmful by inhalation contact.

## 4 First aid measures

**Persons using these products should consult a physician or other medical professional if an accident involving these products in injury. Specific first-aid measures are as follows:**

.Eye 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.

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

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

difficult.

**.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.

## 5 Fire-fighting measures

**.Extinguishing Media:** Use media suitable for the material that is burning.

**.Special Fire Fighting Procedures:** Firefighters should wear NIOSH approved, positive-pressure self-contained breathing apparatus and full protective gear.

**.Unusual Fire and Explosion Hazards:** This product is not flammable, but may become involved in a fire with other materials.

**.Explosion Sensitivity to Mechanical Impact:** Not available.

**.Explosion Sensitivity to Static Discharge:** Not available.

## 6 Accidental release measures

**.Release Response:** Remove all ignition sources. Wear protective equipment. Ensure adequate ventilation.

**.Measures for environmental protection:** Avoid disposing into drainage/sewer system or directly into the aquatic environment.

## 7 Handling and storage

**.Handling:**

**.Information for safe handling:**

Wear appropriate protective equipment (See Section 8). Avoid creating or breathing dust.

**.Information about fire and explosion protection:**

Do not handle, store or open near an open flame, sources of heat or sources of ignition.

**.Storage:**

**.Requirements to be met by storerooms and receptacles:**

Store in a cool, dry, well-ventilated area.

**.Information about storage in one common storage facility:**

Keep container tightly sealed.

**.Further information about storage condition:** Store in cool, dry conditions in well sealed containers.

## 8 Exposure controls/personal protection

**.Engineering Controls:** Provide local exhaust ventilation system to meet exposure limits.

**.Personal Protective Equipment:**

**.Protection of Hands:** Appropriate protective gloves should be worn as necessary.

**.Protection of Eyes:** Wear safety glasses with side shields or vented safety goggles.

**.Protection of Respiratory Tract:** In case of insufficient ventilation, wear suitable respiratory equipment.

**.Protection of Body:** Wear easily washable clothing. Wash clothing after each shift.

**.General protective and hygienic measures:** Do not eat, drink, or smoke in work area. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using toilet facilities or applying cosmetics.

**.Material of Gloves:** Ordinary work type.

**Exposure controls:** Not available.

## 9. Physical and chemical properties

### .General Information

<i>Form:</i>	Solid
<i>Color:</i>	White
<i>Odor:</i>	None

### .Change in condition

<i>Melting point/Melting range:</i>	160-180°C
<i>Boiling point/Boiling range:</i>	Not available

*Flash point:* Not available

*Self-igniting:* Not available

*Danger of explosion:* Not available

*Vapour pressure:* Not available

*Partition coefficient (n-octanol / water):* Not available

*Density:* Not available

*Relative density:* Not available

*Vapor density:* Not available

*Evaporation rate:* Not available

*Solubility in/Miscibility with Water:* Insoluble

*PH-Value:* Not available

*Viscosity:* 5300cps

*Curing time:* 8-10s

*Dynamic:* Not available

## 10 Stability and reactivity

*.Chemical Stability:* Stable under normal temperatures and pressures.

*. Dangerous Decomposition Products:* None in normal or expected use.

*.Hazardous Polymerizations:* Will not occur.

*.Conditions to Avoid:* Excess heat.

## 11 Toxicological information

*.Potential Health Effects:*

*.Acute Effect:* Not available.

*.Chronic Effects:* No evidence of adverse from available information.

*.Oral LD50 (rat)* Not available.

*.Dermal LD50 (rabbit)* Not available.

*.Inhalation LC50 (rat)* Not available.

## 12 Ecological information

### *Ecotoxicological effects:*

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
LC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	96h	Algae	OECD 201	N/A	N/A

*Effect of material on plants or animals:* Not available

*Effect of material on plants or aquatic life:* Not available

*Ecological data:* Not available

## 13 Disposal considerations

*Waste Disposal Methods:* Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

*Recommendation Disposal must be made according to official regulations.*

## 14 Transport information

*These products are not hazardous as defined by EU related Regulation and Directive.*

*Proper shipping name:* Not regulated

*Hazard class number and description:* Not regulated

*Packing Group:* Not regulated

*UN Identification:* Not regulated

*DOT:* Not regulated.

*Marine Pollutant:* Not regulated.

*ADR/RID:* Not regulated.

*IMDG:* Not regulated.

*ICAO/IATA:* Not regulated.

*Attentions:* Not available.

## 15 Regulatory information

**Labeling according to the GHS(Globally Harmonized System of Classification and Labelling of Chemicals):**

*GHS label symbols:* No hazard pictogram is used.

*Hazard Statement:* Not applicable.

*Precautionary Statement Prevention:* Not applicable.

*Precautionary Statement Response:* Not applicable.

*Precautionary Statement Storage:* Not applicable.

*Precautionary Statement Disposal:* Not applicable.

**Other National Regulations:**

*Canada (DSL –Domestic Substances List):* Not applicable.

*USA (TSCA -Toxic Substances Control Act):* Not applicable.

No specific regulations apply.

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

*.Emergency Telephone Number :*

*.Department issuing MSDS:*

※ *Remark:*

*This MSDS is prepared by REACHTEK who is a professional regulatory service provider.*

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\*\*\*\*\*The End\*\*\*\*\*