

# 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 Jiande

.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

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

### .Change in condition

<b>Melting point/Melting range:</b>	160-180°C
<b>Boiling point/Boiling range:</b>	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:*

<b>Acute toxicity</b>		<b>Time</b>	<b>Species</b>	<b>Method</b>	<b>Evaluation</b>	<b>Remarks</b>
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:**

*. Canda (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\*\*\*\*\*