



## COMPILE REPORT OF MSDS

**Report No.** HAP181220604

**Applicant** Jiande Tiantian Viscose Factory

**Address** Jinfeng Road, Functional area, chengnan industry, Meicheng Town, jiande Zhejiang Province

### Sample Information

**Sample Name** Hot melt adhesive rod

**Use** Adhesion of plastic products, wood, etc.

\*The information above is provided and confirmed by the applicant.

**Received Date** Dec.05,2018

**Compiling Period** Dec.05,2018 to Dec.13,2018

**Compile Requested** MSDS report of products

**Compile Results** Please refer to appurtenance page2-8

Signer :

*Paul Chen*

Date : Dec.13,2018

[Website of verification report: CNCA verification platform yz.cncaic.cn](http://www.cncaic.cn)

江苏环谱检测技术服务有限公司

JIANGSU HAP TESTING SERVICE CO.,LTD

地址: 扬州市经济技术开发区吴州东路 198 号

Address:NO.198 Wuzhou East Road,economic and technological development zone,YangZhou

URL: www.hap-test.com

E-mail: hap@hap-test.com

☎: 400-6600-776

☎: 0514-89711561



# MSDS (Material Safety Data Sheet)

## 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

<b>PRODUCT NAME</b>	Hot melt adhesive rod
<b>Manufacturer/Supplier</b>	Jiande Tiantian Viscose Factory
<b>ADDRESS</b>	Jinfeng Road,Functional area,chengnan industry,Meicheng Town,jiande Zhejiang Province
<b>CONTACT PERSON</b>	Mingzon Yao
<b>TEL</b>	0571-64147176
<b>FAX</b>	0571-64145948
<b>E-mail</b>	—

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Weight in Percent (%)	EC No.	Notes
Vinyl acetate copolymer	24937-78-8	50%-70%	—	—
petroleum resin	77-73-6	30%-50%	—	—

## 3 HAZARDS IDENTIFICATION

### 3.1 Classification of the substance or mixture

- Flammable liquids, Category 2
- Acute toxicity - Oral, Category 4
- Skin irritation, Category 2
- Eye irritation, Category 2
- Acute toxicity - Inhalation, Category 4
- Specific target organ toxicity – single exposure, Category 3
- Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 2

### 3.2 GHS label elements, including precautionary statements



Pictogram(s)

Signal word Danger

Hazard statement(s)

- H225 Highly flammable liquid and vapour
- H302 Harmful if swallowed
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H332 Harmful if inhaled



H335 May cause respiratory irritation

H411 Toxic to aquatic life with long lasting effects

**Precautionary statement(s)**

**Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash ... thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

**Response**

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370+P378 In case of fire: Use ... to extinguish.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/...if you feel unwell.

P330 Rinse mouth.

P302+P352 IF ON SKIN: Wash with plenty of water/...

P321 Specific treatment (see ... on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor/...if you feel unwell.

P391 Collect spillage.

**Storage**

P403+P235 Store in a well-ventilated place. Keep cool.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.





**Disposal**

P501 Dispose of contents/container to ...

**Physical and chemical hazards**

Highly flammable liquid and vapour.

**Health hazards**

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Harmful by inhalation. Can cause respiratory irritation.

**Environmental hazard**

Toxic to aquatic life with long lasting effects.

**4 FIRST AID MEASURES**

**4.1 Description of first aid measures**

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical attention if you feel uncomfortable.

**In case of skin contact**

Remove contaminated clothing and wash skin thoroughly with soap and water. Get medical attention if you feel uncomfortable.

**In case of eye contact**

Separate the eyelids and rinse with running water or saline. Get medical attention if you feel uncomfortable.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if you feel uncomfortable.

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

The most important known symptoms and effects are described in the labelling (see section 3.2) and/or in section 11

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

no data available

**5 FIRE FIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media

Use water spray, dry chemical, foam or carbon dioxide.

Avoid using DC water to extinguish the fire. Direct current water may cause splashing of flammable liquids and spread the fire.

**5.2 Special hazards arising from the substance or mixture**

No data available

**5.3 Advice for firefighters**

Firefighters should wear a gas-filled respirator or an activated carbon mask, wear a full-body fire suit and extinguish the fire in the upwind direction.

Move the container from the fire to the open space as much as possible.

If the container in the fire has changed color or sounded from a safe pressure relief device, it must be evacuated immediately.

Isolation of the accident site, prohibiting unrelated personnel from entering. Contain and handle fire water to prevent environmental pollution.

**5.4 Further information**



no data available
<b>6 ACCIDENTAL RELEASE MEASURES</b>
<b>6.1 Personal precautions, protective equipment and emergency procedures</b> Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
<b>6.2 Environmental precautions</b> No special environmental precautions required.
<b>6.3 Methods and materials for containment and cleaning up</b> Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
<b>6.4 Reference to other sections</b> For disposal see section 13.
<b>7 HANDLING and STORAGE</b>
<b>7.1 Precautions for safe handling</b> Provide appropriate exhaust ventilation at places where dust is formed.
<b>7.2 Conditions for safe storage, including any incompatibilities</b> Store in a cool place at room temperature and humidity. Keep container tightly closed in a dry and well-ventilated place.
<b>7.3 Specific end uses</b> no data available
<b>8 EXPOSURE CONTROLS, PERSONAL PROTECTION</b>
<b>8.1 Control parameters</b> Components with workplace control parameters
<b>8.2 Exposure controls</b> <b>Appropriate engineering controls</b> Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. <b>Personal protective equipment</b> Respiratory protection: Wear dust mask when handling large quantities. Hand protection: Wear rubber and oil resistant gloves. Eye protection: Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>
<b>9.1 Information on basic physical and chemical properties</b> a) Appearance transparent、colour solid b) Odour nothing c) Odour Threshold no data available d) pH no data available



e) Melting point/freezing point	80°C-98°C
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Ignition temperature	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Autoignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available

**9.2 Other safety information**

No data available

**10 STABILITY AND REACTIVITY**

**10.1 Reactivity**

no data available

**10.2 Chemical stability**

no data available

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

Strong oxides, strong acids, strong bases.

**10.6 Hazardous decomposition products**

no data available

**11 TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or

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confirmed human carcinogen by IARC.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Additional Information**

RTECS: Not available

**12 ECOLOGICAL INFORMATION**

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

no data available

**12.6 Other adverse effects**

no data available

**13 DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Product**

Recycle as much as possible.

If it cannot be recycled, use incineration for disposal or consult a licensed waste disposal unit for proper disposal.

When burying, it must be implemented in accordance with government regulations.

The finished product or waste after heat molding does not decompose at normal temperature.

Do not dispose of this product by draining it into a sewer.

**Contaminated packaging**

Return the container to the manufacturer or dispose of it in accordance with national and local regulations.

**14 TRANSPORT INFORMATION**

**14.1 UN number**

ADR/RID: -                   IMDG: -                   IATA: -

**14.2 UN proper shipping name**

ADR/RID: -                   IMDG: -                   IATA: -

**14.3 Transport hazard class(es)**

ADR/RID: -                   IMDG: -                   IATA: -

**14.4 Packaging group**



ADR/RID: -                   IMDG: -                   IATA: -

**14.5 Environmental hazards**

ADR/RID: -                   IMDG Marine pollutant: -                   IATA: -

**14.6 Special precautions for user**

no data available

**15 REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

Regulatory information Please note that waste disposal should also comply with local regulations.

If applicable, the chemical meets the requirements of the Regulation on the Safety Management of Dangerous Chemicals (adopted by the State Council on January 9, 2002).

**15.2 Chemical Safety Assessment**

no data available

**16 OTHER INFORMATION**

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.