

Safety Data Sheet

According to Regulation (EC) No 1907/2006

GLUE STICK

Version 1.0

Issue date: 24/05/2017

Revision date: 24/05/2017

SDS Record Number: CSSS-TCO-010-122593

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

1.1 Product identifier:

Identification on the label/Trade name: GLUE STICK
Additional identification: Not available
Identification of the product: See section 3
Index Number: Not available
REACH registration No.: Not available

2. Relevant identified uses of the substance and uses advised against:

1. Identified uses:

Used to bond all kinds of items.

2. Uses advised against:

Not available.

3. Details of the supplier of the safety data sheet:

Supplier(Only representative): THE HIRA COMPANY LTD

Supplier(Manufacturer):

Address:

Contact person(E-mail):

Telephone:

Fax:

1.4 Emergency telephone Number:

+86-571-64161317

Available outside office hours? YES NO X

Section 2 Hazards Identification

1. Classification of the substance/mixture:

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 statement
Acute Tox. 4	H332
STOT SE 3	H335
STOT SE 3	H336
Carc. 2	H351

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

2.2 label elements:

Product name: GLUE STICK

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Hazard Pictograms:**Signal Word(S):**

Warning

Hazard Statement:

H332: Harmful if inhaled
 H335: May cause respiratory irritation
 H336: May cause drowsiness or dizziness
 H351: Suspected of causing cancer(Oral)

Precautionary statement:

P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P308 + P313: IF exposed or concerned: Get medical advice/attention.
 P312: Call a POISON CENTER/ doctor /if you feel unwell.
 P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
 P405: Store locked up.
 P501: Dispose of contents/container in accordance with local regulation.

2.3 Other hazards:

Not applicable.

Section 3 Composition/information on ingredients**Substance/Mixture:**

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
Pentaerythryl rosinate	N/A	8050-26-8	232-479-9	30%	Not Classified
Vinyl acetate	N/A	108-05-4	203-545-4	30-35%	H225 H332 H335 H351
Ethylene	N/A	74-85-1	200-815-3	30-35%	H220 H280 H336
waxes	N/A	8002-74-2	232-315-6	10%	Not Classified

Section 4 First aid measures**1. Description of first aid measures:**

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

1. In case of inhalation:

Provide fresh air; give oxygen or artificial respiration if breathing labored.

2. In case of skin contact:

Wash affected area thoroughly with soap and water.

3. In case of eyes contact:

Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

4.1.4 In case of ingestion:

If swallowed dilute by giving two glasses of water to drink. DO NOT induce vomiting - consult Physician IMMEDIATELY. Never give anything by mouth to an unconscious person.

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

Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer (Oral).

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

No further relevant information available.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishing agents appropriate for surrounding fire.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Carbon oxides. □

5.3 Advice for firefighters:

Mouth respiratory protective device. Wear fully protective suit.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Use proper personal protective equipment as indicated in Section 8. Ensure adequate ventilation. Avoid contact with eyes. Wear protective equipment. Keep unprotected persons away.

6.1.2 For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

6.2 Environmental Precautions:

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

6.3 Methods for Containment and Cleaning up:

Sweep up and shovel into suitable containers. Clean up affected area.

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: Ensure good ventilation/exhaustion at the workplace. Avoid contact with eyes. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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 location. Keep away from ignition sources. Store away from foodstuffs. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s):

Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:

Substance	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		
		ppm	mg/ m3	ppm	mg/ m3	Notes
Vinyl acetate	108-05-4	10	30	20	60	-
Ethylene	74-85-1	-	-	-	-	Asphx.
Paraffin wax, fume	8002-74-2	-	2	-	6	-

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: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Solvent resistant safety eyewear with splash guards or side shields to prevent eye.

Hand protection: Gloves of neoprene or nitrile rubber.

Body protection: Wear normal working clothing.

Respiratory protection: Suitable respiratory protective device recommended.

Thermal hazards: Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solid
Colour:	Colorless and transparent
Odour:	Odorless
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	90±5°C
Boiling point/range (°C):	72.7 °C(CAS#108-05-4)
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	13.4 %/ 2.6 %(CAS#108-05-4)
Vapour pressure (20°C):	113 hPa(CAS#108-05-4)
Vapour density:	Not available
Density:	0.93 g/cm ³ (CAS#108-05-4)
Bulk density (kg/m³):	Not available
Water solubility (g/l):	20 g/L(CAS#108-05-4)
n-Octanol/Water (log Po/w):	0.73(CAS#108-05-4)

Auto-ignition temperature:	402 °C(CAS#108-05-4)
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	0.42 - 0.43mPa s(20°C) (CAS#108-05-4)
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not applicable
Molecular Weight:	Not applicable

9.2. Other information:

Fat solubility(solvent– oil to be specified)	Not available
etc:	
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	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.
10.5 Incompatible materials:	No further relevant information available.
10.6 Hazardous decomposition products:	No dangerous decomposition products known.

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Vinyl acetate(CAS#108-05-4)

LD50(Oral, Rat):	3500 mg/kg
LD50(Dermal, Rabbit):	7440 mg/kg(male)
LC50(Inhalation, Rat):	15800 mg/m ³ 4h

Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Suspected of causing cancer (Oral).
Reproductive toxicity:	Not classified
STOT- single exposure:	May cause respiratory irritation. May cause drowsiness or dizziness.
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

Section 12 Ecological information

12.1 Toxicity:

Vinyl acetate(CAS#108-05-4)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	12.6 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	12.7 mg/L	72h	Algae	OECD 201	N/A	N/A

2. **Persistence and degradability:** Not available.
3. **Bioaccumulative potential:** Not available.
4. **Mobility in soil:** Not available.
5. **Results of PBT&vPvB assessment:** Not applicable
6. **Other adverse effects:** Not available.

Section 13 Disposal considerations

- 13.1 Waste treatment methods:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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

1. Indication of changes:

Version 1.0 Amended by (EU) 2015/830

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.