

MATERIAL & SAFETY DATA SHEET

Corporate name :

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SPECIFIC RISKS

1. Product identification

1.1 Product reference : *Hot Melt Glue sticks*

1.2 Supplier : *Xinhangao*

2. Composition / Information on components

- Chemical name : *EVA* (Ethylen vinyl acetate) **ROSIN**

CAS-No/EINECS NO.: (European Inventory of Existing Commercial chemicalSubstances), .

INCI CTFA-Description:

Tariff No. : 82055900

Dangerous ingredients which have to be mentioned acc. To 99/45/EEC and it adaptations

Chemical Name: EVA HAZARDOUS%: harmless

CAS No. 24937-78-8

Chemical Name: Rosin pentaerythrityl ester HAZARDOUS % :harmless

Chemical Name: Petroleum resin HAZARDOUS%: harmless

CAS No. 64742-16-1

3. Hazards identification

3.1 Main hazards : *Only when the product used is in molten state.
Generally considered harmless in cold state.*

3.2 Specific risks : *Skin contact with hot product may cause burns.*

3.3 Main symptoms : *Skin lesions.*

4. First aid measures

If skin or eyes are affected by hot product splashing, immediately flush affected areas with cold water and cover with cotton wool and seek for prompt medical attention. DO NOT attempt to remove neither the adhesive nor the contaminated clothes to avoid permanent skin damage.

5. Fire fighting measures

- 5.1 Extinguishing media :
 - recommended : *Use dry powder or CO₂.*
 - to avoid : *DO NOT SPRAY WATER in any quantity as splashing of hot product may occur.*
- 5.2 Specific hazards : /
- 5.3 Special fire fighting procedures : /
- 5.4 Personal protection : *While fighting a fire, employees should wear breathing apparatus and protective goggles.*

6. Accidental release measures

- 6.1 Personal precautions : *Not applicable.*
- 6.2 Environmental precautions : *Not applicable.*
- 6.3 Spillage control : *Allow the adhesive to cool off and then transfer it to suitable container for disposal in accordance with Local Authority Regulations.*

7. Handling and storage

- 7.1 Handling :
 - Technical Measures : /
 - Precautions : /
 - Advice for use : /
- 7.2 Storage :
 - Technical Measures : /
 - Storage conditions : *Store in dry, dust-free and well ventilated environment.*
 - Incompatibility (materials to avoid) : /
 - Packaging Materials : *Paper, cardboard box or polyethylene.*

8. Exposure control / Personal protection

- 8.1 Technical Measures : /
- 8.2 Control parameters : /
- 8.3 Personal protective equipment :
 - Respiratory : *Use efficient exhaust ventilation to remove vapours from hot product.*
 - Hands : *Use safety gloves while in contact with hot product.*
 - Eyes : *Safety goggles should be worn while using hot product.*
 - Other protective clothing or equipment : *Full body protection against molten product.*

9. Physical and chemical properties

- 9.1 Physical state : *solid state.*
- 9.2 odor : *inodorous*
- 9.3 Melting temperature : *> 88°C*
- 9.4 Application temperature: *150 °C-160 °C*
- 9.5 Ignition Temperature : *> 300°C*
- 9.6 Explosion limit : /
- 9.7 Vapour pressure : /
- 9.8 Vapour density : /
- 9.9 Bulk density : /.
- 9.10 Solubility : *Not miscible with water ; miscible with chlorinated solvents, aromatic hydrocarbons.*

10. Stability and reactivity

- 10.1 Stability : /
- 10.2 Conditions to avoid : /
- 10.3 Materials to avoid : /
- 10.4 Hazardous decomposition products :
In case of fire or overheating : Carbon dioxide, acetic acid.

11. Toxicological information

- 11.1 Toxicity : *No adverse effects have been recorded.*
- 11.2 Local effects : /
- 11.3 Sensitisation : /
- 11.4 Chronic toxicity : /
- 11.5 Long term toxicity : /
- 11.6 Specific effects : /

12. Ecological information

- 12.1 Mobility : /
- 12.2 Biodegradability : /

12.3 Bioaccumulation : /

12.4 Ecotoxicity : /

12.5 Additional data : *As this product is not soluble in water, it does not alter, as a general rule, biological, physical or chemical properties of water.*

13. Disposal considerations

Waste incineration or landfill in accordance with appropriate Local Authority regulations.

14. Transport information

UN number	GGVS/GGVE	RID/ADR	IDMG GGVSEE	ICAO/IATA - DGR
Classification				
Group				
Labelling				
Hazard code				

NOT APPLICABLE

This product is not dangerous according to the prescribed transport regulations.

15. Regulation information

16. Other information

This document completes the product's technical data sheet without replacing it. The information and recommendations made with respect to the use of this product are given in good faith, based on our knowledge available as at April 21st, 2000.

A reminder list of the main Regulatory and Legislative texts can be joined for user's guidance only.

Besides, the purchaser's attention is drawn to the risks incurred when a product is used for other applications than those for which it is intended.

Employers should use this information only as an addition to other information gathered by them.

It is their liability to take independent determinations of suitability and completeness of information from all sources to assure proper use of the product, and the Health and Safety of employees for which they are accountable.