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## MATERIAL SAFETY DATA SHEET

**Section 1: Identification of the substance or mixture and of the supplier.** Includes GHS product identifier, recommended use and restrictions on use, supplier's details, and emergency phone number.

All purpose hot melt glue stick identifier: Glue Sticks

Use of substance: Match with glue gun, for craft working or industrial working

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**Section 2: Hazards identification.** Includes GHS classification, GHS label elements, and other hazards not resulting in classification or not covered by GHS.

*Not considered as hazardous*

*Eye-----As supplied, irritant as a foreign body.As used,severe thermal hazard*

*Skin contact---Exposure to hot material may cause thermal hazard*

*Inhalation-----Negligible hazard at ambient temperature. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory*

*Ingestion-----No hazard in normal industrial use*

**Section 3: Composition/information on ingredients.** Includes information on chemical ingredients, such as chemical identity and concentrations.

*EVA 50-65% of total composition*

*ROSIN 20-35% of total composition*

*WAX:5% of total composition*

*EVA---CAS. NO.----24937-78-8*

*ROSIN--CAS.NO.---8050-26-8*

*WAX----CAS.NO.---8002-74-2*

**Section 4: First aid measures.** Includes description of necessary measures, most important symptoms/effects, and indication of immediate medical attention and special treatment needed.

If the glue was not hot melt, no need the first aid measures.

If the skin contact the hot glue, it will be hurt as pain acute and burned later.  
Wash with water or cold water as 15 minutes, do not attend to remove it. And take the medical later.

**Section 5: Firefighting measures.** Includes suitable extinguishing techniques, specific hazards from fire, and special protective equipment and precautions for firefighters.

Use fire extinguishers with class A extinguishing agent( like water or foam)  
Wear full protective equipment(bunker gear) and self-contained breathing apparatus.

**Section 6: Accidental release measures.** Includes precautions, protective equipment, emergency procedures, environmental precautions, and methods for containment and cleanup.

*Wear the glass and glove*

Waiting the material cold down, and tear away by hand wear glove

**Section 7: Handling and storage.** Includes precautions for safe handling, and conditions for safe storage, including any incompatibilities.

Precautions for safe handling:

Avoid skin contact with hot material, for professional use only

Conditions for safe storage:

*Store away from heat*

**Section 8: Exposure controls/personal protection.** Includes occupational exposure limits or biological exposure limits, appropriate engineering controls, and personal protective equipment (PPE).

*engineering controls:*

*Not applicable.*

*Individual protection measures, such as personal protective equipment:*

*For Eye and face, wear safety glass or side shield. For the Skin, wear gloves to prevent thermal burns.*

*Environmental exposure controls:*

*Not applicable*

**Section 9: Physical and chemical properties.** Includes the chemical's characteristics (appearance, odor, pH, flash point, vapor pressure, etc.).

*Physical form: Waxy solid*

*Odor: No*

*Color and Grade: Clear white, solid adhesive in rods*

*Flash point: 267 degree C*

*Melt point: 85 degree C*

*Density: 0.95g/cm<sup>3</sup>*

*Solubility in water: nil*

*Viscosity: 10000 ± 1000 mpa.s (180°C) CPS*

**Section 10: Stability and reactivity.** Includes reactivity, chemical stability, possible hazardous reactions, conditions to avoid, incompatible materials, and hazardous decomposition products.

Reactivity:

NA

Chemical stability:

Stable

Possibility of hazardous reactions:

Will not occur

Conditions to avoid:

None known

Incompatible materials:

Do not know yet.

Hazardous decomposition products:

NA

**Section 11: Toxicological information.** Includes routes of exposure, related symptoms, acute and chronic effects, and numerical measures of toxicity.

The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not ingest or inhale

**Section 12: Ecological information.** Includes ecotoxicity, persistence and degradability, bioaccumulative potential, mobility in soil, and other adverse effects.

Toxicity:

Not determined

Persistence and degradability:

Not determined

Bioaccumulative potential:

Not determined

Mobility in soil:

Not determined

Other adverse effects:

NA

**Section 13: Disposal considerations.** Includes description of waste residues, and information on their safe handling and methods of disposal.

Reclaim if feasible. If product can not be reclaimed, dispose of waster product in a sanitary landfill.

**Section 14: Transport information.** Includes UN number, UN proper shipping name, transport hazard classes, packing group, environmental hazards, transport in bulk, and special precautions.

UN number

Not found

UN proper shipping name

Not found

Transport hazard class(es)

Safety to transport by air,sea or land

Packing group

*Not found*

Environmental hazards

*Not determined*

Special precautions for user

No need

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Allowed

*The substance is not subject to IMO IMDG Code.*

**Section 15: Regulatory information.** Includes safety, health and environmental regulations specific for the product in question.

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

The material is not hazardous as defined by the US dangerous Substances directive

Chemical safety assessment

NA

**Section 16: Other information.** Includes information on the preparation and revision of the SDS.

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