

Safety Data Sheet

1. Chemical Product and Company Identification

DESCRIPTION: KAIDA ECO GLUE STICK
PRODUCT TYPE: SYNTHETIC POLYMER MIXTURE
APPLICATION: FOR PRODUCT CODES SEE SECTION 16

• Manufacturer/Supplier Information

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2. Composition, Information on Ingredients

Chemical Name	Percentage	CAS#
Starch	20.0~40.0	9049-76-7
Polyvinyl Pyrrolidone	2.0~6.0	9003-39-8
Stearic Acid	6.0~8.0	57-11-4
Sodium hydroxide	1.0~2.0	1310-73-2
Glycerin	3.0~6.0	56-81-5
Water	39.0~67.0	7732-18-5

3. Hazards Identification

3.1 Emergency Overview

Appearance: Semi-transparent White solid
Odor: Slight bland

CAUTION!

Not an immediate health hazard
Not a significant fire hazard

- **HMIS Rating**

HEALTH = 1 (slight)
FLAMMABILITY = 0 (minimal)
REACTIVITY = 0 (minimal)

3.2 Potential Health Effects

- **Immediate Hazards**

INGESTION: Harmless
INHALATION: Harmless
SKIN: Harmless
EYES: Harmless

- **Delayed Hazards**

None of the components present in this product at concentrations equal to or greater than 0.1% has been listed by NTP, classified by IARC, nor regulated by OSHA as a carcinogen.

4. First Aid Measures

INGESTION: If swallowed, immediately give 2 glass of water. Never give anything by mouth to an unconscious person. Contract a physician.

INHALATION: Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Get medical attention if cough or other symptoms develop.

SKIN: Wash affected area with soap and water. Get medical attention if irritation develops or persists.

EYES: In case of contract, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

5. Fire Fighting Measures

Autoignition Temperature	Not available
Upper/Lower Flammable Limits	Not applicable
Up/Lower Explosive Limits, %by Vol	Not applicable
Flash Point	Not applicable

Will not burn unless water has evaporated. Dried material may burn.

In case of fire, water should be used to keep fire-exposed containers cool.

6. Accidental Release Measures

Sweep (scoop) up and remove to a chemical disposal area.
Prevent entry into natural bodies of water.

7. Handling and Storage

7.1 Handling

Handle in accordance with good industrial hygiene and safety practices.

INHALATION: Avoid prolonged or repeated breathing of dust or vapor.

SKIN: Avoid prolonged or repeated contact with skin and clothing.

EYES: Avoid prolonged or repeated contact with eyes.

7.2 Storage

Keep from freezing.

Store in a cool, dry place.

Keep containers tightly closed.

8. Exposure Controls/Personal Protection

8.1 Exposure Controls

No special control measure necessary under normal conditions of use.

8.2 Personal Protection

No special protection necessary under normal conditions of use.

8.3 Exposure Guidelines

None established

9. Physical and Chemical Properties

Percent Volatiles	55.0-60.0
pH @ 25 C	10.0-10.99
Specific Gravity	1.10g/cm ³
Appearance	White solid
Autoignition Temperature	Not available
Boiling Point	100 deg C
Vapor Density (Air=1)	< 1
Vapor Pressure, mm Hg @ 20 C	—
Evaporation Rate (Butyl Acetate=1)	< 1
Upper/Lower Flammable Limits	Not applicable
Up/Lower Explosive Limits, % by Vol	Not applicable
Flash Point	Not applicable
Freezing Point	-16 deg C
Odor	Slight bland
Odor Threshold, ppm	Not applicable
Solubility in Water	Dispersible

10. Stability and Reactivity

Normally stable

- **Incompatibilities:**

Not known to border

- **Decomposition products may include:**

Oxides of carbon

- **Hazardous polymerization:**

Will not occur.

- **Other Hazards:**

None known to company.

11. Toxicological Information

See Section 3 Hazards Identification information.

12. Ecological Information

Not determined.

13. Disposal Considerations

Dispose of according to local, state/provincial, and federal requirements.

14. Transport Information

14.1 U.S. Department of Transportation (DOT)

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

Non-Regulated.

14.2 Canadian Transportation of Dangerous Goods (TDG)

Non-Regulated.

15. Regulatory Information- classification and identification

(Selected Regulations)

Not subject of the identification regulations.

Hazard trigger:

Special declaration:

National regulations/information:

WGK: 1, slightly water-endangering product. (German VwVwS of May 17, 1999)

Classification in conformity with the calculation method

16. Other Information

Kaida ECO glue stick conforms to TRA, EN71-3.-9.

- **User's Responsibility**

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

- **Disclaimer**

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