

T. K. RICH COMPANY

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Material Safety Data Sheet

Product Number : NGGS10
Product Name : Glue Sticks
Chemical Family : Hot Melt Glue Adhesive

Physical Data

Physical State : White cylindrical solid at normal room temperature
Odour : Odourless
Specific Gravity(Water=1) : 0.93
Melting Point : 115-125 Degree Celsius
Solubility : Not soluble in water
Stability : Stable under normal room temperature

Chemical Composition

	Percent(w/wt)	CAS No.
Paraffin Wax	0-20	64742-51-4
Ethylene-vinyl acetate copolymer	20-50	24937-78-8
Petroleum resin	30-50	64742-16-1

Hazardous Identification

Not considered as hazardous

Routes of Entry :

Eyes : As supplied : Irritant as foreign body.
As used : Severe thermal burns; fumes and vapours may cause irritation to eyes.
Skin : There is no known hazard from skin absorption.
Contact at application temperature will cause severe burns.
Ingestion: Unlikely under normal use. May cause irritation to digestive tract.
Inhalation: Fumes and vapours may cause irritation to nose, throat and respiratory tract.

First Aid Measures

Eyes : As supplied : Removed as foreign body. Seek medical attention if irritation persists.
If hot : Flush with cool water for at least 15 minutes. Treat as wax or resin burns. Do not attempt to remove solidified material. Seek medical attention immediately.
Skin : As supplied : If irritation occurs, wash with soap and rinse with plenty of water.
If hot : Immediately immerse in or flush affected area with plenty of cool water to dissipate heat. Do not attempt to remove solidified material. Cover affected area with sterilised gauze and seek prompt medical attention for burns.

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Inhalation : If over-exposure to fumes and vapours, remove to fresh air area. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration. Seek medical attention immediately.

Ingestion : Do not induce vomiting. If victim is conscious and alert, rinse mouth and drink two cups of water. Seek prompt medical attention.

Fire Fighting Measures

Auto ignition : Unknown

Extinguishing media : Foam, carbon dioxide or dry chemical.
This product is combustible at high temperature. Toxic fumes and vapours may evolve in burning. Wear proper protective gear and self contained breathing apparatus if exposed to fumes and vapours.

Storage and Handling

Storage : Store in dry, clean, cool area. Avoid temperature above 50 degrees Celsius. Keep away from children.

Handling : This product should be heated to recommended temperature. Fumes and vapours may evolve in melting. Use with appropriate ventilation. Avoid prolong exposure to fumes and vapours. Wash thoroughly after handling.
Normal usage involves hot molten adhesive can cause severe burns. Handle with care. Eye protection gear, protective gloves and clothing are recommended.

Toxicological Information

Composition : CAS No. 64742-51-4
LD50 : >5000mg/kg(oral, rat)

Composition : CAS No. 24937-78-8
LD50 : >2920mg/kg(oral, rat)

Composition : CAS No. 64742-16-1
No data available

Carcinogenicity : Not listed by ACGIH, NTP or CAProp 65

Disposal Considerations

Disposed of in accordance with local waste disposal regulations.