Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

IDENTITY

As Used in Label and List

PERMA HOLD GLUE

PERMA HOLD GLUE

Section I

Manufacturer's Name: Royalton Co., Inc.

Emergency Telephone Number: 918-663-9666

Address/Number, Street, City, State, and Zip Code:

9504 B 35th St.

Tulsa, OK 74145

Telephone Number for Information: 918-622-6677

Date Prepared: 8/15/01

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity/Common Names): OSHA PEL, ACGIH TLV, Other Limits Required (None)

This product does not contain any hazardous materials based on current Department of Labor Regulations as we interpret them.

Section III - Physical/Chemical Characteristics

Boiling Point: 200°F (93°C)

Specific Gravity (H₂O = 1): 0.91

Vapor Pressure (mm Hg): H₂O

Melting Point: 69

Vapor Density (AIR = 1): Lighter than air

Evaporation Rate: (Butyl Acetate = 1) slower than ether

Solubility in Water: before drying

Appearance and Odor: white with slight odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): none

Flammable Limits: LEL none, UEL none

Extinguishing Media: water, chemical foam, carbon dioxide

Special Fire Fighting Procedures: water or water spray may be used to cool closed containers to minimize pressure build-up due to fire

Unusual Fire and Explosion Hazards: none known

(Reproduce locally)
PERMA HOLD GLUE

Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td></td>
</tr>
<tr>
<td>Stable</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>none</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)
carbon monoxide, carbon dioxide

Hazardous Decomposition or Byproducts

Hazardous Polymization
<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>none</td>
</tr>
</tbody>
</table>

Section VI — Health Hazard Data

Routes of Entry

<table>
<thead>
<tr>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td>yes</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)
over exposure may irritate skin & eyes. Prolonged inhalation of vapors may cause discomfort.
Ingestion: large quantities may cause discomfort.

Carcinogenicity
NTP? NO
IARC Monographs? NO
OSHA Regulated? No

Signs and Symptoms of Exposure
may cause irritation of skin & eyes, ingestion of large quantities or prolonged inhalation of vapors may cause discomfort.

Medical Conditions
Generally Aggravated by Exposure
none

Emergency and First Aid Procedures
Flush with water, remove to fresh air to overcome effects of inhalation, if ingested, drink water; induce vomiting and call a physician

Section VII — Precautions for Safe Handling and Use
Steps to Be Taken in Case Material Is Released or Spilled
wipe up spill with damp rags if still in liquid form

Waste Disposal Method
solid waste in compliance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing
DO NOT FREEZE

Other Precautions
DO NOT PRESSURIZE CONTAINERS

Section VIII — Control Measures
Respiratory Protection (Specify Type)
NONE

Ventilation

Local Exhaust
YES

Mechanical (General)
YES

Other
NONE

Protective Gloves
none

Eye Protection
goggles

Other Protective Clothing or Equipment
none

Work/Hygienic Practices
DO NOT INGEST. KEEP OUT OF EYES