Material Safety Data Sheet

IDENTITY (As Used on Label and List) O-GLUE

Section I

Manufacturer's Name
ITOYA INTERNATIONAL, LTD.

Emergency Telephone Number
N/A

Address (Number, Street, City, State, and ZIP Code)
2-7-15 Ginza Chuo-Ku Tokyo, Japan

Telephone Number for Information
213 301-8111

Date Prepared
June 1987

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended % (optional)

Water
75.46%

Polyvinyl Alcohol
10.64%

Propylene Glycol
13.05%

Other
0.85%

Section III — Physical/Chemical Characteristics

Boiling Point
212

Specific Gravity (H2O = 1) 1.04

Vapor Pressure (mm Hg)
14.7%

Melting Point
88%

Vapor Density (AIR = 1)
14.7%

Evaporation Rate
(Butyl Acetate = 1)
N/A

Solubility in Water
∞

Appearance and Odor
Clear, Colorless, Odorless

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)
N/A

Flammable Limits

LEL

UEL

Extinguishing Media
N/A

Special Fire Fighting Procedures
N/A

Unusual Fire and Explosion Hazards
N/A

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

(Reproduce locally)
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>
</tbody>
</table>

Incompatibility (Materials to Avoid) N/A

Hazardous Decomposition or Byproducts N/A

Hazardous Polymerization

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Will Not Occur</td>
<td>X</td>
</tr>
</tbody>
</table>

Section VI — Health Hazard Data

Route(s) of Entry

- Inhalation?
- Skin?
- Ingestion?

Health Hazards (Acute and Chronic) N/A

Carcinogenicity

- NTP? N/A
- IARC Monographs? N/A
- OSHA Regulated? N/A

Signs and Symptoms of Exposure N/A

Medical Conditions Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures N/A

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Wash off with Water.

Waste Disposal Method N/A

Precautions to Be Taken in Handling and Storing N/A

Other Precautions N/A

Section VIII — Control Measures

Respiratory Protection (Specify Type) N/A

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Exhaust</td>
<td></td>
</tr>
<tr>
<td>Mechanical (General)</td>
<td>Other</td>
</tr>
</tbody>
</table>

Protective Gloves

- Eye Protection

Other Protective Clothing or Equipment

Work/Hygienic Practices
April 18, 1988

Ronald Weese  
Vice President of Sales  
Itaya of America, Ltd.  
4729 Alla Road  
Marina Del Rey, CA 90292

Dear Mr. Weese:

This letter is to inform you of the inclusion of your company's O- 
Glue Adhesive to the California List of Acceptable Arts and Crafts Materials 
(Grades K-6).

This product will appear on the update of the California List which is 
planned to be distributed within the next couple of months. Until the 
update is distributed, this letter may be used as documentation that the 
above adhesive has been accepted for inclusion on the California List as of 
April 18, 1988.

Thank you very much for your time. If you have any questions, please call 
(415) 540-2131.

Sincerely,

[Signature]

Robert Schlag, M.Sc.  
Hazard Evaluation Section

cc: Jim Barquest, Ph.D./Food and Drug Branch  
Diane Brooks, Ph.D./Dept. of Education