



**RICH INNOVATION**  
**MARKETING INCORPORATED**

Tels. 733-3007; 733-7783 Fax: 736-4589

## **MATERIAL SAFETY DATA SHEET**

### **KÖNIG ALL**

#### **1. Chemical Product & Company Information**

- Product Name: KÖNIG ALL
- Application: Polyvinyl Acetate Emulsion, Additives
- Trade Name of Company: RICH INNOVATION MARKETING, Inc.
- Address: 826 Zacateros St. Sta. Cruz Manila, Philippines
- Telephone Number: (632) 733 3007 (632) 733 7783 Fax: (632) 736 4589

#### **2. Composition/Information on Ingredients**

- General Composition: Polyvinyl Acetate Emulsion. Additives

#### **3. Hazards Identification**

- Most important hazards: none

#### **4. First Aid Measures**

- General: In case of doubt, or if symptoms persist, consult a doctor.
- Contact with the skin: Wash thoroughly with water and soap.
- Contact with the eyes: Wash thoroughly with water and consult a doctor.
- Swallowing: Consult a doctor immediately.
- Inhalation: In the event of obvious irritation of the respiratory tract, consult a doctor.

#### **5. Fire Fighting Measures**

As the product is non-flammable, it does not require any particular precautions. Here under, however, is a list of recommendations:

- Correct extinguishing methods:
  - . Water sprinklers to combat fumes
  - . Extinguishing powder, foam or carbon dioxide.
- Incorrect extinguishing methods:
  - High pressure jets of water.
- Risks from exposure: Gases which can be harmful to the health can be emitted. The use of suitable breathing apparatus might be required.

#### **6. Accidental Release Measures**

- Personal Precautions: Avoid contact with skin, eyes and clothing. Do not inhale the fumes.
- Precautions for the environment: In case of product spill, contain spill at the origin with cloth or other inert material. Prevent spill from going into drains and surface and underground water. If spill does enter drains or water courses, inform local authorities (Police, Fire Brigade, etc) immediately.

- Cleaning Procedure: Block leak or break in the container and clean the contaminated area by drying Out with sand, earth, cloth or other inert material and dispose of properly. Finally, wash area with water to remove traces of contamination.

#### 7. Handling and Storage

- Handling: Do not eat, drink or smoke during application. Avoid accidental swallowing.
- Storage: Keep the containers well sealed in a cool and airy place.

#### 8. Physical and Chemical Properties

Physical Form Milky White

Odor characteristic of an ester

Viscosity at 25°C Spindle #4, 60 rpm 3,500 – 5,500 cps

pH at 25 °C 4.0 – 6.0

Solubility in Water miscible in all proportions

Specific Gravity at 25 °C 1.05 ± 0.05

Boiling Point ~100 °C

Flash Point not available

\*Properties shown are typical values only, under review, and are not final. Therefore, these should not be treated as product specifications.

#### 9. Stability and Reactivity

- Chemical Stability: Stable
- Conditions to avoid: There are no particularly dangerous conditions. High storage temperatures can alter some of the product's characteristics, such as its viscosity.
- Material to avoid: Concentrated acids, strong alkalis, oxidizing agents.
- Dangerous products of decomposition: Thermal decomposition and combustion can form gases which are dangerous to the health.
- Eye Irritation: Can cause eye irritation
- Respiratory Irritation: Over-exposure can cause irritation to the respiratory tract.

#### 10. Ecological Information

The product must not be discharged into sewage systems or water courses without first being treated. In any case, it should be used according to good working procedure, avoiding dispersion in the environment.

#### 11. Transportation Information

- Proper Shipping Name: Water-based Paint-Related Material
- Transport labels Required: Non-flammable liquid
- Packaging Container: Steel drum, or solvent resistant container

#### 12. Toxicological Information

Specific information is not available on the product. The following information are based on the toxicological behaviour of the components:

- Acute or Oral Toxicity: Amount of fatal effect to the human body is about 100 mL.
- Skin Irritation: Prolonged skin exposure can cause irritation of the skin from very slight to slight.
- Disposal Method: Waste must be disposed of in accordance with federal, state, provincial and local regulations.

- Container Disposal: Empty containers by removing the top and inverting to allow all free-flowing products to drain. According to regulatory criteria, the container is considered empty when less than 3% remains in the container.

### 13. Other Information

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties.