



RICH INNOVATION
MARKETING INCORPORATED

826 Zacateros St., Sta. Cruz, Manila

MATERIAL SAFETY DATA SHEET

KÖNIG OIL BASED WOOD STAIN (ALL COLORS & TINT BASES)

HMISCODES: H F R P

Formerly: KÖNIG WOOD STAIN (ALL COLORS)

SECTION I – PRODUCT/COMPANY INFORMATION

Name: KÖNIG OIL BASED WOODSTAIN

Manufacturer's name: RICH INNOVATION MARKETING, INC.

Address: 826 ZACATEROS ST. STA CRUZ, MANILA

Telephone Number: (02) 733-3007; 733-7786

Fax: (02) 736-4589

SECTION II – COMPOSITION

| HAZARDOUS COMPONENTS | CAS NUMBER | OCCUPATIONAL EXPOSURE OSHA PEL | EXPOSURE ACGIH TLV | LIMITS OTHER | VAPOR PRESSURE mmHg@TEMP | WEIGHT PERCENT |
|------------------------|-------------|-----------------------------------|------------------------------|-----------------|-----------------------------|-------------------|
| MALEINIZED LINSEED OIL | 67922-98-9 | 15 MG/ M ³ | 10 MG/ M ³ | NOT ESTAB | N/A | 40 |
| SOLVENT NAPHTHA | (PETROLEUM) | | | | | |
| MEDIUM ALIPHATIC | 64742-88-7 | 500 PPM | 100 PPM | 100 PPM | 0.50 (68Ff) | 40-50 |
| KEROSENE | 8008-20-6 | NOT ESTAB | 200 MG/ M ³ (TWA) | NOT ESTAB | 1.0 (70F) | 5 |

SECTION III - HAZARDS IDENTIFICATION

Health Risk and Symptoms of Overexposure

Entry Route:

Inhalation:

Overexposure to vapors and spray mists may cause lightheadedness, headaches, incoordination, nausea and loss of consciousness.

Eyes: May be irritating to eyes.

Skin: May cause localized irritation, reddening or swelling. Prolonged or repeated exposure may lead to sensitization and/or contact dermatitis.

Ingestion: May produce signs of intoxication such as incoordination, dizziness, headache, nausea,

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mental confusion, slurred speech depending on the quantity of material ingested.

Health Hazards (acute and chronic):

Reports have associated repeated and prolonged occupational overexposure To solvents with permanent brain and central nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Carcinogenicity:

ntp? No

iarc monographs? Yes

osha regulated? No

Titanium dioxide has been characterized by iarc as possibly carcinogenic to humans (group 2b) through inhalation (not ingestion). This classification is based upon animal inhalation studies. Epidemiology studies do not suggest an increased risk of cancer in humans from occupational exposure to titanium dioxide.

Medical conditions generally aggravated by exposure:

Kidney diseases, respiratory illnesses, skin allergies.

SECTION IV – EMERGENCY AND FIRST AID

Inhalation: If breathing difficulty is experienced, move to area free of exposure. Provide fresh air. Obtain medical attention.

Eye Contact: Flush with clean water for at least 15 minutes and obtain medical attention.

Skin Contact: Wash affected area with soap and water.If irritation persists, obtain medical attention.

Ingestion: Drink 1 to 2 glasses of water and seek immediate medical attention. Never give anything orally to an unconscious person. Consult a physician, medical facility or poison control center for advice about whether to induce vomiting. Treat symptomatically.

SECTION V - FIRE FIGHTING MEASURES

Flash point: 104 (F)

Method used: TCC

Flammable limits in air by volume: LOWER: 0.7% UPPER: 7.0%

Extinguishing media: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG

Special fire fighting procedures:

Water spray may be ineffective. If water is used, fog nozzles are preferred. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when containers are exposed to extreme heat.

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Unusual fire and explosion hazards:

Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when containers are exposed to extreme heat. Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flame. Closed containers may explode when exposed to extreme heat. High temperatures will raise the pressure in the containers, which may lead to rupturing. Wear self-contained breathing apparatus to protect against toxic decomposition by-products.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Read all product instructions before using. Remove any source of ignition. Provide adequate ventilation and / or self-contained breathing apparatus. Dike spill, apply absorbent material. Using non-sparking tools scrape up and store in a closed metal container. Avoid breathing vapors.

SECTION VII - DISPOSAL CONSIDERATIONS

Dispose in approved sites according to local, state and federal regulations.

SECTION VIII - HANDLING AND STORAGE

Store in a cool, dry place. Avoid breathing sanding dust. Avoid storage at temperatures greater than 90°F or near heat, sparks, electrical equipment or open flames.

Other Precautions: Avoid prolonged breathing of vapors or contact with skin. Prevent prolonged or repeated breathing of vapors or spray mist. To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use, in water filled, closed metal container.

SECTION IX - EXPOSURE CONTROLS/PERSONAL PROTECTION

Read all product instructions before using. Personal protective equipment should include (impervious gloves, protective eye wear and suitable work clothes). Adequate ventilation should also be employed so that vapor levels do not exceed recommended guidelines. If vapor levels are expected to exceed these guidelines, use NIOSH approved, positive pressure, supplied air respirator or a negative pressure half mask with organic vapor cartridges and dust/mist pre-filters. Exercise good personal hygiene, wash thoroughly after each use.

SECTION X - PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: Colors specific to product

Odor: Typical mineral spirits odor

Specific Gravity: Approximately 0.9 (H₂O = 1)

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Boiling Point: 308-396°F

Vapor Density: Heavier than air evaporation

Rate: slower than ether

Coating V.O.C: Does not exceed maximum VOC 550 G/L (VOS 4.60 lb/gal)

Solubility in Water: Insoluble

SECTION XI - STABILITY AND REACTIVITY

This product is considered stable under normal and anticipated storage and handling conditions. Other conditions to avoid are heat, sparks, open flames and high temperatures. Avoid incompatible materials such as strong oxidizing agents.

Hazardous decomposition or Byproducts:

Fumes, smoke, carbon dioxide, aldehydes and other decomposition products, in case of incomplete combustion.

Hazardous Polymerization will not occur.

SECTION XII – DISCLAIMER

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of RIMI's knowledge, or obtained from sources believed by RIMI to be accurate, and RIMI does not assume any legal responsibility for use or reliance upon same. Before using any product, read the label.

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