



H.B.Fuller Philippines

No. 11 Gyro Street, Light Industry & Science Park
Bo Diezmo , Cabuyao, Laguna, Philippines
Phone: (6349) 554-8440 Fax: (632) 519-4051

MATERIAL SAFETY DATA SHEET

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION

MSDS INFORMATION

H. B. Fuller (Philippines), Inc.
No. 11 Gyro Street
Light Industry & Science Park 1
Brgy. Diezmo, Cabuyao, Laguna 4025
Phone # : (632) 519 4075
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PRODUCT INFORMATION

Product Name/Number : Rakoll GXL 3
Product Description : Woodworking Waterbased Adhesive

II. INFORMATION ON COMPOSITION

The emulsion used is polyvinyl acetate emulsion. All raw materials used in this product are already nominated with the Department of Environment and Natural Resources under the Republic Act 6969.

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

No specific warnings for normal use condition.

POTENTIAL HEALTH EFFECTS

Eyes : Eye contact with liquid product may cause irritation.
Skin : Prolonged or repeated contact with liquid product may cause irritation.
Inhalation : Exposure to vapors in poorly ventilated areas may cause irritation of the nose, throat, and respiratory tract.
Ingestion : Not an anticipated route of exposure. Small amounts are not anticipated to be harmful.
Chronic : Overexposure to vinyl acetate is not expected to occur during normal handling and use of this product. Vinyl acetate has been shown to cause irritation and cancer in inhalation studies with laboratory animals. Test levels of 600 ppm caused an increase in tumors in the respiratory tract of the test animals. No tumors were observed in the animals exposed at 50 ppm or lower. There is no evidence that vinyl acetate has caused cancer in humans.

Existing Health Conditions Affected by Exposure :
No known effects on other illnesses.



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IV. FIRST AID MEASURES

- If in eye : Flush immediately with water for 15 minutes. Consult a physician if irritation persists.
- If on skin : Wash affected area with soap and water. Launder contaminated clothing before reuse.
- If vapors inhaled: Remove subject to fresh air.
- If ingested : If person can swallow, give one glass of water or milk. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

V. FIRE FIGHTING MEASURES

- Flash point (Method) : Non-flammable
- Upper explosive Limit : Not applicable
- Lower explosive limit : Not applicable
- Autoignition Temperature : Not applicable
- Appropriate Extinguishers : Non-flammable in liquid state;
Use water spray, dry chemical,
or CO2 on dried product.

Special Fire Fighting Procedures

Persons exposed to products of combustion should wear self contained when breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards

There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

Hazardous Combustion Product

Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide.

VI. SPILL OR LEAK PROCEDURES

Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds or water systems.

VII. HANDLING AND STORAGE

- Handling Information : Wear appropriate protective clothing when working with this product.
- Storage Information : Avoid temperature extremes in storage. Consult the Technical Data Sheet for specific storage instructions.

VIII. PERSONAL PROTECTION

- Eye Protection : Wear safety glasses to reduce the potential for eye contact; chemical safety goggles are appropriate if splashing is likely. Have eye washes available where eye contact can occur.



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Skin Protection : Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing. Launder contaminated clothing before reuse.
Respiratory Protection : Not normally required.
Ventilation : General dilution ventilation.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid
Color : white
Odor : characteristic
Viscosity (5/10/20C) : 8,000 - 13,000 cps
% Solids by weight : 50 minimum
pH : 2.5 – 4.0
Boiling range : greater than 200F
Freezing/Melting pt. : not established
Vapor Pressure : not established
Vapor Density : not established
Evaporation rate : not established

X. STABILITY AND REACTIVITY DATA

Stability : stable
Incompatibility : not established
Hazardous decomposition: not established
Hazardous Polymerization: will not occur

XI. TRANSPORT INFORMATION

Not restricted under IATA/ICAO Regulation
Safe for Air Transport

XII. ADDITIONAL INFORMATION

In storage, monomer vapors will migrate from the emulsion and establish an equilibrium between the headspace in the storage container and the liquid emulsion. Levels in excess of acceptable exposures can accumulate in non-vented headspaces above the emulsion. All procedures appropriate for a confined space entry should be completed prior to performing any work in a bulk storage tank.

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