

1. Identification of Material and Supplier

Product Name: RAKOLL 31 DOWEL

Recommended Use: Woodworking Adhesive.

Supplier: H. B. Fuller Company
Address: 16-20 Red Gum Drive Dandenong South VIC 3175
Telephone: (03) 9797 6222
Emergency Telephone No: 1800 033 111 (Australia)

Contact Poison Information Centre: 13 11 26

2. Hazards Identification

NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.

This material is NOT classified as Hazardous according to health criteria of NOHSC Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

Poisons Schedule (Aust): Not applicable

3. Composition/Information on Ingredients

COMPOSITION	CAS #	%
Vinyl Acetate (monomer)	108-05-4	< 0.5
Non-hazardous Ingredients	-	To 100%

4. First-Aid Measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0800 764766) or a doctor.

Inhalation: Remove patient to fresh air. Allow patient to rest in a comfortable position until recovered. Seek medical advice if symptoms persist.

Skin: Wash area(s) with soap and water. Remove contaminated clothing. Seek medical attention if skin irritation occurs.

Eye Contact: Hold eyelids open and immediately flush eyes continuously with running water for 15 minutes. It is advisable to seek medical advice for all eye contaminations.

Ingestion: Rinse mouth with water. If swallowed do NOT induce vomiting. Give water to drink. Seek medical advice.

Note to physician: Treat symptomatically.

5. Fire-Fighting Measures

- Suitable Extinguishing Media:** Water spray or fog, carbon dioxide (CO₂), Dry Chemical and Foam.
- Hazards from Combustion:** Possible formation of oxides of carbon, smoke and other unidentified products.
- Precautions for Fire-fighters:** Not combustible. However following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes.
- Fire-fighting equipment:** If exposed to fumes or products of combustion it's advisable to wear self-contained breathing apparatus.
- Hazchem Code:** Not Applicable.

6. Accidental Release Measures

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rags or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Wear protective equipment to prevent skin and eye contamination. Slippery when wet. Dam and contain spill with absorbent inert material (sawdust, vermiculite, dry sand or earth). Place into suitable sealed containers and follow state or local authority regulations for disposal of the waste.

7. Handling and Storage

- Handling advice:** Avoid contact eyes and repeated or prolonged skin contact.
- Storage advice:** Store in cool well-ventilated place, out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

This material is NOT classified as a dangerous goods nor a scheduled poison.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

No value is assigned for this specific material by the National Occupational Health & Safety Commission (NOHSC Australia).

However, for the residual monomer component:

	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Vinyl Acetate	10	35	20	70

Biological Limit Values: As per the “National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]” the ingredients in this material do not have a Biological Limit allocated.

Engineering Control Measures: Use in well ventilated areas. Local exhaust should be adequate.

Personal Protective Equipment: Standard safety apparel of overalls, safety shoes or boots, safety glasses. If there is a risk of repeated skin exposure, wear impervious gloves (PVC coated should be adequate). Wear goggles and organic vapour respirator if at risk of exposure to vapours, fumes or spray mist.

9. Physical and chemical properties

Appearance / Colour / Odour:	Opaque white creamy fluid with mild specific odour.
pH:	4.0 – 5.0
Vapour Pressure (15°C):	Not Available
Vapour Density (air=1):	Not Applicable
Boiling Point (°C):	approx 100°C
Freezing point (°C):	approx 0°C
Solubility in water (g/L):	Miscible
Specific Gravity:	1.06 approx
Flash Point (°C):	Not Applicable
Flammability Limits:	Not Applicable
Autoignition temperature (°C):	Not Applicable
Percent Volatile:	58 - 62

10. Stability and Reactivity

Chemical stability:	Stable when stored and used as directed.
Conditions to avoid:	None specific, but advisable to avoid elevated temperatures.
Incompatible materials:	Advisable to avoid Oxidising agents.
Hazardous decomposition products:	If heated excessively, possible formation of oxides of carbon and other unidentified (possible toxic) products.
Hazardous Reactions:	None known.

11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs.

However, this product contains small amounts of vinyl acetate monomer. ACGIH evaluated vinyl acetate as an A3 – Animal Carcinogen: the available evidence suggests it is not likely to cause cancer in humans except under unusual exposure. The IARC monograph indicates “there is little evidence in humans for carcinogenicity of vinyl acetate. There is limited evidence in experimental animals for carcinogenicity of vinyl acetate.” This would normally place a substance in IARC category 3. However, because vinyl acetate is metabolised to acetaldehyde, an IARC 2B classification has been assigned.

Acute Effects:

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Inhalation: May be an irritant to mucous membranes and respiratory tract.

Eye contact: May cause eye irritation.

Skin contact: May be a skin irritant.

Chronic Effects:
No information available for the product.

Toxicological Data:
No LD50 data available for the product.

12. Ecological Information

Avoid contaminating waterways.

Mobility/Persistence/Biodegradability: No information available for this product.

13. Disposal Considerations

Refer to Waste Management Authority or dispose of material through a licensed waste contractor.

14. Transport Information

NOT classified as a Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG) for transport by Road and Rail, IMDG Code for transport by sea and by IATA Dangerous Code for air transport.

15. Regulatory Information

Poisons Schedule: Not Applicable

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other Information

MSDS

Issue Number: 1
Date of Issue: August 2019.

Replaces: None.

The information and recommendations set down here in this document are presented in good faith and to the best of H.B.Fuller's knowledge. H.B.Fuller Pty Ltd cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representations or warranties, either expressed or implied, or merchantability, fitness for purpose or any other application are made hereunder with respect to the products to which this information refers.