

MATERIAL SAFETY DATA SHEET

1. Identification Of The Material & Supplier

Product Name: ForeverBreathe Java Resin Oil

Other Names(s) :

Chemical Characterization:

Mixture of binding agents based on plant oils, wood rosins, natural waxes, metal oxide pigments and dearomatized hydrocarbons.

Use or Description:

Finishing Interior timber work, floors and joinery.

Suppliers Name: Natural House Company.

Street Address:

9 Trewavas Street,
Motueka, 7120, New Zealand.

Telephone: 0800 11 20 30

Web: www.naturalhouse.co.nz

Emergency Telephone: 0275 5450855

National Poisons & Hazardous Chemicals

Information Centre: 0800 POISON (0800 764 766)

NZ Emergency Services: Dial 111 (if in doubt)

2. Hazards Identification

Hazard Classification:

6.1E - Substance that may be harmful if swallowed and enters airways.

6.3B - Substance that may cause mild skin irritation.

Hazard statement codes:

H304 May be harmful if swallowed and enters airways.

H316 Causes mild skin irritation.

Precautionary statement codes - prevention:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of the reach of children.

P103 Read label before use.

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement codes - Response

P314 Get medical advice/attention if you feel unwell.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P370+P378 In case of fire: Use foam, carbon dioxide or dry chemical.

3. Composition / Information On Ingredients

Potentially Hazardous Ingredients	% by weight (approx)	TLV (TWA) mg/m ³	ppm	STEL (TWA) mg/m ³	ppm	Cas No.
Alkanes	45-50	1320	188			90622-58-5
Zirconium Drier	0.1-1	100				94581-21-2
Zinc Drier	0.1-1	100				84418-50-8
Manganese Drier	0.1-1	100				37449-19-7

4. First Aid Measures

Inhalation Move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

Skin Contact If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eye Contact Hold eyelids and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Get medical assistance. if irritation persists.

Ingestion If swallowed, do not induce vomiting. Give a glass of water if person is conscious. Begin artificial respiration if the victim is not breathing. Use mouth to nose rather than mouth to mouth. Obtain medical attention.

Health Hazard Information: Treat According to symptoms. Gastric lavage may be indicated if ingested. Do not wait for symptoms to develop. General measures should be taken to control acidosis and maintain urine output.

5. Fire Fighting Measures

Extinguishing Media to be used:

Dry Chemical

Alcohol Foam

Special Fire Fighting Procedures

Use water to keep fire exposed containers cool. Do not use a heavy water stream, in order to avoid the fire to extend. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Prevent extinguishing media from escaping to drains and waterways.

Unusual Fire and Explosion Hazards

Vapour density heavier than air. This product is combustible.

6. Accidental Release Measures

Spill and Leak Procedure

Eliminate every possible source of ignition. Avoid breathing vapour and contact with skin, eyes and clothing. Wear recommended personal protective equipment.

Shut off leaks if without risks.

If Material Is Released Or Spilled: Absorb on fire retardant treated sawdust, diatomaceous earth, etc.

Prevent entry of product into public water, sewers, or soil.

Shovel up and dispose of at appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

7. Handling & Storage

Handling

Avoid prolonged repeated skin contact. Avoid contact with eyes. Wear safety glasses. Avoid inhalation of vapours or mists.

Use in well ventilated area away from all ignition sources. Take special care to avoid static electric discharge. Keep container closed.

Storage

Store in a cool area. Do not pressurise, cut, heat or weld containers- residual vapours are flammable. This product is combustible and will fuel a fire in progress.

8. Exposure Control / Personal Protection

Recommended Personal Protective Equipment to be worn during use of product:

Protective Overalls

Synthetic Apron

Safety Glasses

Splash Goggles

Dust & Vapour Respirator

Gloves

Boots

9. Physical And Chemical Properties

General Information

Form: Viscous

Colour: Colourless

Odour: Mild

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: > 180°C

Flash point: > 60°C

Ignition temperature: 240°C

Self-igniting: Product is not selfigniting.

% Volatile Matter, VOC's (by weight) 75g/Litre

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower: 0.6 Vol %

Upper: 7.0 Vol %

Density at 20°C: 0.85 g/cm³

Solubility in / Miscibility with

water: Not miscible or difficult to mix.

Viscosity:

Kinematic at 20°C: >21 s (ISO 4 mm)

10. Stability And Reactivity

Thermal decomposition /

conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions Reacts with fabric soaked in the product (e.g. cleaning wool).

Exothermic reaction.

Forms heat.

Self igniting.

Dangerous decomposition

products: Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

Additional information:

Warning:

Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition).

11. Toxicological Information

Primary irritant effect:

on the skin: At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

on the eye: Irritating effect.

Sensitization: Sensitizing effect by skin contact is possible by prolonged exposure.

Additional toxicological

information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. Ecological Information

Not identified as being harmful to aquatic life.

13. Disposal Considerations

This product can degrade rapidly in air. Expected to be removed in wastewater treatment. Based upon data for similar components or estimated data, this product is expected to be biodegradable according to OECD guidelines.

14. Transport Information

Land Transport ADR/RID

UN No: Not regulated **Non DG**
Technical name: Natural Wood Oil

Marine Transport IMDG/GGV

UN No: Not regulated **Non DG**
Technical name: Natural Wood Oil

Air Transport ICA/IATA

UN No: Not regulated **Non DG**
Technical name: Natural Wood Oil

15. Regulatory Information

This product is not classified as dangerous goods.

16. Other Information

IF PRINTED THIS MSDS SHEET IS UNCONTROLLED.

For advice, contact National Poison Centre (Phone New Zealand: 0800 764 766) or a doctor.

Natural House Company urges each customer or recipient of this MSDS to study it carefully to become aware of and the hazards associated with the product.

The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS. To promote safe handling, each customer or recipient should:

- (1) notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this MSDS and any other information regarding hazards of safety;
- (2) furnish this same information to each of its customers for the product; and
- (3) request its customers to notify their employees, customers, and other users of the product of this information.

NOTE: The information and recommendations contained in this data sheet have been compiled from sources believed to be reliable and represent the best current opinion on the subject. No warranty, guarantee or representation is made by the company as to the absolute correctness or sufficiency of any representation contained in this data sheet and the company assumes no responsibility in connection therewith. Nor can it be assumed that all acceptable safety measures are contained in this data sheet or that other additional measures may not be required under particular or exceptional circumstances or conditions.