



## Leatherwood Bespoke Rosin Rosin Products Safety Data Sheet

### Section 1 - Identification: Product identifier and chemical identity

**Product name:** Leatherwood Bespoke Rosin

**Trading names:** Leatherwood Bespoke Rosin, ecoRosin, Amber Range

**Product description:** Pine Rosin, wood rosin

**Recommended use of the chemical:** Rosin for violin, viola, cello, double bass, other stringed instruments that use a bow. Use as tackifier for violin, viola, cello, double bass bows

**Details of manufacturer / supplier of the safety data sheet:**

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### Section 2 – Hazard(s) identification

**Classification of the hazardous chemical:** Combustible Dust. May form combustible dust concentrations in air.

**Label elements, including precautionary statements:**

Signal word: Warning

Hazard statements: May form combustible dust concentrations in air.

Precautionary statements:

P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P262	Do not get in eyes, on skin, or on clothing.
P284	In case of inadequate ventilation wear respiratory protection.
P301+P312	IF SWALLOWED: Call a doctor if you feel unwell.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P312	IF INHALED: Call a doctor if you feel unwell.
P304+P341	If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations



### Section 3 - Composition and information on ingredients

**Chemical characterization:** Substances

**CAS Number:** 8050-09-7

**Chemical Name:** Rosin

**CAS Number Description:** A hard natural resin obtained from pine tree oil and the wastes from processing wood pulp.

**Stability:** Stable. Combustible. Incompatible with oxidizing agents.

**Additional information:**

This product is shipped and delivered as an ambient temperature SOLID. This product should be considered a controlled product due to the potential presence of combustible dust. If dispersed in air, the fine particles may catch fire if ignited.

**Disclosure of proportions of ingredients:**

Rosin >5%

Beeswax <5%

### Section 4 - First-aid measures

**After inhalation:** Remove to fresh air. Get medical attention if nasal, throat or lung irritation develops.

**After skin contact:** Wash thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Thoroughly wash clothing before reuse.

**After eye contact:** Remove contact lenses. Hold eyelids apart. Immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Get medical attention if irritation persists.

**After swallowing:** No adverse health effects are expected from accidental ingestion of small amounts of this product. For ingestion of large amounts: Do NOT induce vomiting. Get immediate medical attention.

**Information for doctor:** This product contains rosin or a rosin derivative. Rosin and some of its derivatives have been reported to cause an allergic skin reaction (sensitization) in susceptible individuals after repeated or prolonged skin contact. Smoke or fumes generated by heating product may lead to respiratory sensitization (asthma) in susceptible individuals.

**Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

#### Colophony Allergy Statement

Colophony (rosin) is a sticky resin derived from pine trees and a recognized cause of allergic contact dermatitis (ACD), a type IV hypersensitivity reaction. It is present in many products, including string rosin, and is a common culprit of allergic reactions. Due to the physical nature of this material, it may cause eye, skin and respiratory irritation. This product contains rosin or a rosin derivative. Rosin and some rosin derivatives have been reported to cause allergic skin reaction (sensitization) in susceptible individuals after repeated or prolonged contact. Smoke or fumes generated by heating may lead to respiratory sensitization (asthma) in susceptible individuals.



## Section 5 - Fire-fighting measures

**Suitable extinguishing equipment:** Water spray, dry chemical, foam, carbon dioxide or clean extinguishing agents may be used on fires involving this product.

**Specific hazards arising from the chemical:** If heated to combustion, the following substances may be formed: Carbon monoxide (CO), Carbon Dioxide (CO<sub>2</sub>), Aldehydes, Carboxylic acids, Smoke

**Special protective equipment and precautions for fire fighters:** Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear when fighting fires involving this product. Apply water to HOT MOLTEN or HOT LIQUID resin fires from a safe, protected location to avoid body contact with hot resin. Cool containers with water to prevent rupture.

## Section 6 - Accidental release measures

**Suitable extinguishing equipment:** Water spray, dry chemical, foam, carbon dioxide or clean extinguishing agents may be used on fires involving this product.

**Personal precautions, protective equipment and emergency procedures:** Ventilate area. Avoid dust formation. If product is not contaminated, scoop into clean containers for use. If product is contaminated, scoop into containers, and dispose appropriately

**Environmental precautions:** No special measures required.

**Methods and material for containment and cleaning up:** Dispose of the collected material according to regulations. Pick up mechanically.

## Section 7 - Handling and storage

### Precautions for safe handling:

Avoid conditions that generate dust; product may form flammable dust-air mixtures. Keep away from heat, flame, sparks and other ignition sources. Spontaneous heating may occur if stored in a non-ventilated area at elevated temperatures.

**Information about protection against explosions and fires:** Water contact with HOT MOLTEN or HOT LIQUID resin may result in foaming or spattering, which can cause eye or skin burns.

**Storage:** Store in a cool, dry, well-ventilated area. Keep container closed when not in use.



#### Section 8 - Exposure controls and personal protection

**If user operations generate vapor, fumes or mist:** This product may present an inhalation health hazard if used under conditions that could generate dust or fumes.

**General protective and hygienic measures:** Avoid contact with eyes, skin, and clothing. Avoid breathing dust or fumes. Handle in areas with adequate ventilation. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking.

**Breathing equipment:** Breathing equipment is not required for use of the product as string rosin. Appropriate respiratory protection is required when exposure to airborne contaminants may exceed acceptable limits. Respirators should be selected and used in accordance with OSHA, Subpart I (29 CFR 1910.134) and manufacturers recommendations.

#### Section 9 - Physical and chemical properties

<b>Form:</b>	Solid
<b>Colour:</b>	Amber / Yellow / Dark Brown / Black
<b>Odour:</b>	Slight Rosin Odour
<b>Melting point:</b>	70-72°C
<b>Density:</b>	1,07 g/cm <sup>3</sup>
<b>Specific Gravity:</b>	1.05 @ 20°C
<b>Flash point</b>	180°C
<b>Storage temp.</b>	Room Temperature
<b>Solubility:</b>	Soluble in alcohol, benzene, ether. Insoluble in water
<b>Flammability:</b>	Product is not flammable.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/dust mixtures are possible.
<b>Stability:</b>	Stable. Combustible. Incompatible with oxidizing agents.

#### Section 10 - Stability and reactivity

**Reactivity:** No further relevant information available.

**Chemical stability:** Stable. Combustible. Incompatible with oxidizing agents.

**Thermal decomposition / conditions to be avoided:** Stable under recommended handling and storage conditions.

**Possibility of hazardous reactions:** Not anticipated under normal or recommended handling and storage conditions.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** None known.

**Hazardous decomposition products:** No dangerous decomposition products known.



## Section 11 - Toxicological information

### Acute toxicity:

#### LD/LC50 values that are relevant for classification:

BASED UPON DATA FROM A SIMILAR PRODUCT: Acute oral LD50 (rat): > 4.0 g/kg; (mouse): > 3.0 g/kg; (guinea pig): > 2.5 g/kg. Acute dermal LD50 (rabbit): > 2.5 g/kg. Ninety-day oral subacute no effect level (rat): NOEL = 0.2 - 1.0% in diet. Signs of toxicity included refusal to eat, weight loss and death at highest level, depressed weight gain and liver enlargement. Two-year chronic oral no effect level (rat, dog): NOEL = 0.05% in diet. Signs of toxicity included temporary weight depression and liver enlargement in both species. SIMILAR PRODUCT was fed to rats and dogs for 2 years and a no-toxic effect level of 0.05% in the diet was demonstrated.

### Primary irritant effect:

- on the skin: No irritant effect.
- on the eye: No irritating effect.

**Sensitization:** Due to the physical nature of this material, may cause eye, skin and respiratory irritation. This product contains rosin or a rosin derivative. Rosin and some rosin derivatives have been reported to cause allergic skin reaction (sensitization) in susceptible individuals after repeated or prolonged contact. Smoke or fumes generated by heating may lead to respiratory sensitization (asthma) in susceptible individuals.

### Carcinogenic categories

- IARC (International Agency for Research on Cancer): Substance is not listed.
- NTP (National Toxicology Program): Substance is not listed.

## Section 12 - Ecological information

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** Based upon data from this or similar materials, this product cannot be regarded as readily biodegradable; however, it may be slowly biodegradable.

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Ecotoxicological effects:** No ecological studies have been carried out on this product.

**Results of PBT and vPvB assessment:** PBT: Not applicable. vPvB: Not applicable.

**Other adverse effects:** No further relevant information available.

## Section 13 - Disposal considerations

**Recommendation:** Landfilling in a permitted solid or hazardous waste facility is recommended. Handling, transportation, and disposal of material should be conducted in a manner to prevent a nuisance dust hazard. Fully containerize the material before handling and protect from exposure to the outdoors. Disposal should be in accordance with all local regulations.

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LEATHERWOOD *bespoke* Rosin®  
*hands made this*

#### Section 14 - Transport information

**Solid at ambient temperature:** This product is not listed in the Australian Dangerous Goods Act.

#### Section 15 - Regulatory information

No further relevant information available.

#### Section 16 - Any other relevant information

**Latest Revision:** 1<sup>st</sup> November 2022

**DISCLAIMER:** The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable laws.