

## MATERIAL SAFETY DATA SHEET

### Australian Sandarac Resin

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#### I. Hazardous Ingredients/Identity

- A. Hazardous Component(s) (chemical & common name(s)):
1. OSHA/PEL None.
  2. ACGIH / TLV None.
  3. OTHER EXPOSURE LIMITS None.
  4. % (Optional) None.
  5. CAS NO. None.

#### II. Physical & Chemical Characteristics

- A. Boiling Point N.D.
- B. Specific Gravity (H<sub>2</sub>O=1) 1.05 @ 75°F.
- C. Vapor Pressure (mm Hg) N.D.
- D. Vapor Density (Air =1) N.D.
- E. Solubility in Water Nil
- F. Reactivity in Water None
- G. Appearance and Odor Yellow Solid with a characteristic odor.
- H. Melting Point 275° to 302° F.

#### III. Fire & Explosion Data

- A. Flash Point N.D.
- B. Method Used: N/A
- C. Flammable Limits in Air % by Volume:
1. LEL Lower: N/A
  2. UEL Upper: N/A
- D. Auto-Ignition Temperature: N.D.
- E. Extinguisher Media:
1. CO<sub>2</sub>
  2. Dry Chemical
  3. Foam
- F. Special Fire Fighting Procedures:
1. To fight fire wear self-contained breathing apparatus approved by NIOSH.
  2. Watch footing on floors and stairs (may be slippery).
  3. Keep away from sparks and open flame.
  4. Use spray to keep containers cool.

- G. Unusual Fire and Explosion Hazards:
1. Static charges on the powders or the powders dispersed in liquids may ignite flammable atmospheres.
  2. Ground all equipment.
  3. All appropriate precautions should be observed.

#### IV. Physical Hazards (Reactivity Data)

- A. Stability:
1. Unstable  Conditions  
Stable  to Avoid
    - a) Ignition sources and excessive temperatures.
- B. Incompatibility (Materials to Avoid):
1. Strong acids and Strong Oxidizers.
- C. Hazardous Decomposition Products:
1. A mixture of airborne solid, liquid particulates and gases will evolve when this material undergoes combustion.
  2. Carbon monoxide and unidentified organic compounds may be formed upon combustion.
- D. Hazardous Polymerization:
1. May Occur  Conditions  
Will Not Occur  to Avoid

#### V. Health Hazards

- A. Acute:
1. Non-Hazardous
  2. Non-Toxic
  3. Non-Allergic
- B. Chronic:
1. REF: FDA Title 21 Section 175.300
  2. TSCA No. 61789-92-2
- C. Signs and Symptoms of Exposure: Unknown
- D. Medical Conditions Generally Aggravated by Exposure: Unknown.
- E. Chemical Listed as Carcinogen or Potential Carcinogen: No
1. National Toxicology Program Yes  No
  2. L.A.R.C. Monographs Yes  No
  3. OSHA Yes  No
- F. Emergency and First Aid Procedures: See Below.
- G. Routes of Entry:
1. Inhalation: If overcome by fumes, immediately remove from exposure and immediately obtain medical attention. If breathing is irregular or has stopped, start resuscitation.
  2. Eyes: If hot product is splashed into eyes flush immediately and thoroughly wash with clear water and obtain medical attention immediately. Dust may cause irritation.
  3. Skin: If burned by hot product obtain medical attention immediately. In case of skin contact with product under

- other conditions wash thoroughly with soap and water. If discomfort persists obtain medical attention.
4. Ingestion: No specific information identified or established. If discomfort persists obtain medical attention.

## VI. Special Precautions and Spill/Leak Procedures

- A. Precautions to be Taken in Handling and Storage:
1. Keep away from heat and open flames
- B. Other Precautions:
1. Avoid breathing dust and/or fumes from molten (hot) materials. Keep away from heat, sparks and open flames. Do not store near combustibles.
- C. Steps to be Taken in Case Material is Released or Spilled:
1. Contain spill and recover. If molten gums are spilled (see appropriate information on health hazards) solidify and recover. Advise EPA/State/Local Agency if required.
- D. Waste Disposal Methods (Consult federal, state and Local regulations):
1. Disposition/incineration must be in compliance with Federal, State, and Local disposal and discharge laws and regulations.

## VII. Special Protection Information/Control Measures

- A. Respiratory Protection (Specify Type):
1. USE NIOSH PROTECTIVE EQUIPMENT.
- B. Ventilation:
- |                         |   |
|-------------------------|---|
| 1. Local Exhaust:       | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 2. Mechanical (General) | N/A   |
| 3. Special              | N/A   |
| 4. Other:               | Adequate Ventilation  |
- C. Protective Gloves:
1. Use chemically resistant gloves to avoid contact with skin.
- D. Eye Protection:
1. Wear NIOSH approved goggles or face shield.
- E. Other Protective Clothing or Equipment:
1. Wear chemically resistant gloves with thermal protection and appropriate protective garments when working with molten or hot material.
- F. Work/Hygenic Practices:
1. None.