

MSDS MATERIAL SAFETY DATA SHEET
RUPERT, GIBBON & SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

Dorland's Wax Medium

Effective Date: 07/12/10

1. Product Identification

Product Code: Dorland's Wax Medium

2. Composition/Information on Ingredients

Ingredients	CAS No.
Paraffin waxes and hydrocarbon waxes	8002-74-2
Paraffin waxes and hydrocarbon wax, microcrystalline	63231-60-7
Beeswax	8012-89-3
Dammar	9000-16-2

3. Physical & Chemical Characteristics

Boiling Point: 560 F

Vapor Pressure: mm Hg @20 C<3

Vapor Density: 2.4

Solubility in Water: Insoluble

Appearance & Odor: White Translucent Semi-solid – Hydrocarbon odor

Specific Gravity: 0.85

Melting Point: 128 F

4. Fire & Explosion Data

Flash Point: 210 F

Auto Ignition: 165 F

LEL/UEL %: N/A

V.O.C. (g/m³): 566

Extinguishing Media: Foam, Carbon Dioxide or smothering

Special Fire Procedures: In case of fire, smother flames and turn off any heat source. **DO NOT USE WATER TO EXTINGUISH WAX FIRES AS WATER MAY BOIL VIOLENTLY CAUSING EXPLOSIONS.**

Unusual Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup that could rupture containers.

5. Reactivity Data

Stable: Yes

Conditions to Avoid: Heat, sparks and open flame

Incompatibility: Water. May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous Decomposition: None known

Hazardous Polymerization: Will not occur

Conditions to Avoid: Overheating and direct flame contact. Do not heat this product above its flash point. Do not heat this product with open flames or open electrical coils. Acceptable heat sources are heat transfer fluids (steam, hot water, oil) or sealed electrical resistance heaters.

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6. Health Hazards

Acute: Oral: >25 ML/Kg (Rat)

Dermal: >5ML/Kg (Rabbit)

Chronic: Not known

Signs & Symptoms of Exposure: High vapor concentration may result in CNS depression. Wax medium is expected to be slightly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of skin. Wax is expected to be nonirritating to eyes. Ingestion of product may result in vomiting: Aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

Medical Conditions Aggravated: Eczema

Is chemical listed as Potential or Suspected Cancer Agent? No

First Aid for Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

First Aid for Eyes: Flush eye with clean water for 15 minutes while holding eyelid open. Remove contact lenses if worn. See a doctor for treatment.

First Aid for Skin: Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Clean clothing before reuse.

First Aid for Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

7. Special Precautions & Spill/Leak Procedures

Spill Response Procedures: This material is not expected to present any environmental problems in its semi-solid state. If in liquid form, allow to cool and solidify before proceeding with disposal methods.

Waste Disposal: Place contaminated materials in disposable containers and dispose of in a manner consistent with Federal, State and local regulations.

8. Transport Information

Hazard Class or Division: Not classified as hazardous.

9. Special Protection Information

Respiratory Protection: When product is used hot, use appropriate approved protection. Negative pressure respirators must use organic vapor filter elements.

Ventilation: Normal use of this product does not require special ventilation. When used hot, local exhaust ventilation bringing vapors away from persons should be used.

Protective Gloves: Normal use does not require glove use. When used hot, use chemical impervious gloves.

Eye Protection: When product is hot, use chemical goggles or face shield to protect eyes.

Other Protection: Suggested use of chemical impervious apron when used hot. Change contaminated clothing immediately, Provide emergency eyewash system. Store in a cool, isolated area. Keep away from ignition sources and heat. Post NO SMOKING signs in work area. Do not reuse containers.

Work/Hygienic Practices: Train employees as to the hazards of this product and the contents of this MSDS before they work with this product.

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