

J. B. Jewitt Co., Inc.
Homestead Finishing Products

1935 West 96th Street Unit Q
 Cleveland OH 44102-2673
 Telephone: (216) 631-5309

Emergency Assistance

For emergency assistance involving this product call – 216-631-5309

Section 1: Product Identification

Product Name: Shellac Wet

MSDS #: 7099

Date Issued: March 14, 2002

Original **Update**

Reason for Change:

Section 2: Hazardous Ingredients

Hazardous Ingredients	CAS Number	OSHA PEL (Permissible exposure limit)	ACGIH TLV (Threshold limit value)	% By Weight
Polyalkyleneoxide modified polydimethylsiloxane	68938-54-5	None established	None established	<100%
Polyalkylene Oxide	27252-80-8	None Established	None Established	<20%

* TWA = Time weighted average, STEL= Short Term Exposure Limit

Note: All health hazard components above 1% composition and all carcinogens above 0.1% (1000 ppm) composition are listed.

Section 3: Hazard Identification

EMERGENCY OVERVIEW: Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Hazard Rating: NFPA

HMIS

Hazard Rating Scale:

Health: 0

0= Minimal

Flammability: 1

1= Slight

Reactivity: 0

2= Moderate

PPE: X

3= Serious

4= Severe

Note: NFPA and HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the specific hazard. To deal adequately with the safe handling of this, or any, material, all the information in the MSDS must be considered and interpreted by a trained professional.

Potential Health Effects:

This material has **not been** tested as a whole. The data contained below is based on the properties of the individual components.

This material has been tested as a whole. The data below is based on the properties of the mixture.

Firefighters should wear full protective equipment and positive pressure self-contained breathing apparatus in pressure-demand mode. Vapors may form an explosive mixture with air. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low areas. Use water spray to cool fire-exposed container surfaces.

Section 6: Accidental Release Measures

Spill / Leak..... Use proper personal protective equipment as indicated in Section 8. Stop flow of material. Absorb with inert material (e.g. vermiculite, sand or earth), then place into a suitable container. Clean up spills immediately. Provide ventilation. Remove all sources of ignition. Use a spark-proof tool. For large quantities, use water spray to dilute spill to a non-flammable mixture. A vapor suppressing foam may be used to reduce vapors. Make appropriate notifications as required.

Section 7: Handling and Storage

Handling Procedures..... Maintain good personal hygiene. Wash hands and face thoroughly after handling, and before eating, drinking or using tobacco products. Remove contaminated clothing and wash before re-use. Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Do not cut, weld, braze, solder, drill, grind or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing vapor or mist.

Storage Needs..... Observe local regulations. Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use. Keep away from heat, sparks or open flames. Keep from contact with oxidizing materials.

Section 8: Exposure Controls / Personal Protection

When selecting personal protective equipment and clothing, follow all manufacturer specifications and recommendations that apply to your specific operations and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

Eye / Type..... Wear chemical goggles or safety glasses with side shields.
Respiratory /Type..... A half-face or full-face respirator with organic vapor cartridge is recommended where exposures exceed TLV.

Gloves / Type..... Wear chemical resistant gloves such as butyl rubber or nitrile.
Clothing / Type..... Wear long sleeved garment such as a lab coat to prevent skin exposure.

Other / Type..... Facilities using or storing this product should be equipped with an eyewash facility and safety shower.

Ventilation Requirements..... General mechanical exhaust or local exhaust is required to keep exposures below TLV.

Section 9: Physical and Chemical Properties

Appearance/Odor..... Clear, translucent liquid with mild odor
Specific Gravity..... 1.0300 at 25° C
Vapor Pressure (mm Hg)..... < 1.33hPa at 20°
Vapor Density Heavier than air
Evaporation Rate..... <1
Boiling Point (deg. C F)..... > 150° at STP
Solubility in Water (%W/W)..... Appreciable (>10%)
Freezing Point (deg. C F)..... Not determined
Melting Point (deg. C F)..... 3° at STP

Section 10: Stability and Reactivity

Hazardous Polymerization.....	Will not occur
Stability.....	Stable
Incompatibility.....	Strong oxidizers, aluminum (at high temperatures), strong acids and bases, amines, ammonia, chlorine, isocyanates, ethylene oxide
Conditions to Avoid.....	Ignition sources, excess heat
Hazardous Products of Decomposition....	Oxides of carbon and silicon and other toxic vapors

Section 11: Toxicology Information

Swallowing.....	LD50 Rats >5,000 mg/kg Considered low order of toxicity
Skin absorption.....	LD50 Rabbit >2,000 mg/kg Low order of toxicity
Skin Contact.....	Minor irritation
Eye Contact.....	Slight irritation
Sensitizing Capability of Material.....	Low
Carcinogenicity of Material.....	Not applicable
Teratogenicity	Not applicable
Mutagenicity.....	Not applicable
Reproductive Effects.....	Not applicable
Synergistic Materials.....	Not applicable

Section 12: Ecology Information

Environmental.....	Water-soluble.
Biodegradability.....	This material has the potential to readily biodegrade.

Section 13: Disposal Considerations

Waste Disposal	Incinerate in a furnace where permitted under appropriate Federal, State and local regulations. Waste generators must consult federal, state and local hazardous waste regulations to ensure complete and accurate classification.
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Section 14: Transport Information

U. N. #	Not applicable
D.O.T. Classification	Not regulated

Section 15: Regulatory Information

<input checked="" type="checkbox"/> TSCA	<input checked="" type="checkbox"/> Components of this product are listed on the TSCA Inventory or are exempt.
<input checked="" type="checkbox"/> SARA TITLE III	<input checked="" type="checkbox"/> This product is considered, under applicable definitions, to meet the following categories: <u>Section 311/312:</u> None <u>Section 313:</u> This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under Section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this material: None
<input checked="" type="checkbox"/> CALIFORNIA PROPOSITION 65	<input checked="" type="checkbox"/> This product contains chemicals known to the state of California to cause cancer: None <input checked="" type="checkbox"/> This product contains chemicals known to the state of

California to cause reproductive toxicity:
None

STATE RIGHT-TO-KNOW LISTING

California:
None

Florida:
None

Massachusetts:
None

New Jersey:
Polyalkyleneoxide modified polydimethylsiloxane (CAS# 68938-54-5)
Polyalkylene oxide (CAS# 27252-80-8)

Pennsylvania:
None

CANADA

Domestic Substances List:
The ingredients of this product are on the Domestic Substances List

Section 16: Other Information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information is based on the material as manufactured; it may not be valid for this material if used in combination with any other materials or in any process. J.B. Jewitt Co., Inc. /Homestead Finishing Products shall not be held liable for any damage resulting from handling or from contact with the product(s).