

SAFETY DATA SHEET

This safety data sheet complies with the requirements of: 29CFR1910.1200

Issue Date 31-Jan- 2009

Revision Date 5-Feb-2016

1. IDENTIFICATION

Product identifier

Product Name : SHELLAC FLAT

Other means of identification

UN/ID no. 1219

Synonyms 7080

Recommended use of the chemical and restrictions on use

Recommended Use Shellac additive
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address	Manufacturer Address	J. B. Jewitt Co., Inc. Homestead Finishing Products 1935 West 96th Street Unit Q Cleveland OH 44102-2673
J. B. Jewitt Co., Inc. Homestead Finishing Products 1935 West 96th Street Unit Q Cleveland OH 44102-2673		

Emergency telephone number

Company Phone Number (216) 631-5309

24 Hour Emergency Phone Number (216) 631-5309

Emergency Telephone (216) 631-5309

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

FLAMMABLE LIQUID	CATEGORY 2
EYE IRRITATION	CATEGORY 2A

Label elements

Emergency Overview

SIGNAL WORD : DANGER

HAZARD STATEMENT:

HIGHLY FLAMMABLE LIQUID VAPOUR
CAUSES SERIOUS EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION



Appearance Clear

Physical state Liquid

Odor: Mild r-like

Precautionary Statements – Prevention

Keep away from heat, hot surfaces, open flames, sparks – No smoking
Ground/bond container and receiving equipment
Take precautionary measures against static discharge
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wear protective gloves/protective clothing/eye protection/face protection
Wash exposed skin thoroughly after handling
If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide to extinguish.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep cool
Keep container tightly closed when product is not in use.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS No.	Weight-%	Trade Secret
Isopropyl Alcohol	67-63-0	70-80	
Dipropylene Glycol Monomethyl Ether	34590-94-8	6-10	*
Polypropyleneoxide modified polydimethylsiloxane	68938-54-4	<.5%	
Polypropylene hydrocarbon mix		12-15	

4. FIRST AID MEASURES

Description of first aid measures

Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact

Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Inhalation

Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting. Give activated charcoal. Call poison control. Ingestion of large quantities: immediately to hospital. Doctor: Gastric lavage

Most important symptoms and effects, both acute and delayed

Symptoms

May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, Polyvalent foam. Alcohol-resistant foam. Carbon Dioxide

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Highly flammable. Gas/vapor flammable with air within explosion limits. May be ignited by sparks.

Products of Combustion

Oxides of carbon.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool tanks/drums with water spray to remove safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protection recommended in Section 8. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

Other Information

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate the area.

For emergency responders

Use personal protection recommended in Section 8. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Prevent product from entering sewers, drains, waterways or low areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13). Take precautionary measures against static discharges

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Do not use mobile phones during handling. Never pierce, drill, grind, cut, saw or weld any empty container.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep away from heat, sparks, flame and other sources of ignition. Keep containers tightly closed in a cool, dry, well-ventilated place.

Incompatible materials

Ammonia. Strong acids, Strong oxidizers. Direct sunlight/heat/sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering Controls

Individual protection measures, such as personal protective equipment

Showers
Eyewash stations
Ventilation systems.

A safety shower and eye wash station should be within walking distance of the work area. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Local exhaust should be used to maintain levels below the TLV and PEL.

Eye/face protection

Tight sealing safety goggles. Wear full face shield if splashing of liquid is possible.

General Hygiene Considerations

Skin and body protection

Wear protective gloves and protective clothing that is resistant to chemical penetration. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Respiratory protection

If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

Information on basic physical and chemical properties

Physical State Liquid
Color: Clear
Odor: Mild

<u>Property</u>	<u>Values</u>
pH	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	> 100°C (212°F)
Flash point	>75 °F
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity	.857
Water solubility	Appreciable >10%
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point No information available
Molecular weight No information available
VOC Content 773 g/l
Density No information available
Bulk density No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available.

Chemical stability
Stable under normal conditions of handling, use and transportation.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Heat, flames and sparks. Take precautionary measures against static discharges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, nitrogen oxides (NOx), other toxic vapors.

Hazardous polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Acute toxicity LD50(ORAL) > 5,000 MG/KG (RAT)
(DERMAL) >12000 MG/KG (RABBIT)

12. ECOLOGICAL INFORMATION

<u>Product</u>	<u>Period</u>	<u>Result</u>	<u>Species</u>
Ethoxylated alcohol	48 Hours	11 mg/l	Daphnia (EC50)
	96 Hours	13 mg/l	Trout
	72 Hours	29 mg/l	Algea

Biodegradability: Ethoxylated alcohol : > 60% , 28 days, Closed Bottle Test (OECD 301D)

13. DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

RCRA Hazardous Waste code: D001

14. TRANSPORTATION INFORMATION

DOT

ORM-D (If packaged in containers less than 1L

For larger quantities (over 5L)

UN No. : UN 1219

Shipping Name: Isopropyl alcohol

Class: 3

Packing Group: II

See special provisions under DOT regulations CFR 49 173.xxx

IMDG

UN No. : UN 1219

Shipping Name: Isopropyl alcohol

Class: 3

Packing Group: II

See special provisions under DOT regulations CFR 49 173.xxx

IATA

UN No. : UN 1219

Shipping Name: Isopropyl alcohol

Class: 3

Packing Group: II

See special provisions under DOT regulations CFR 49 173.xxx

15. REGULATORY INFORMATION

Federal Regulations

TSCA: All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.
DSL: All intentionally present components are listed on the DSL.
CERCLA: No hazardous substances present.
SARA 302/304 : Not listed
SARA 302/304/311/312: Immediate (Acute) Health Hazard.
SARA 313: Isopropyl alcohol is reportable under SARA 313

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

Other State Regulations

Isopropyl Alcohol is an RTK chemical in the following states.
CA, FL, MA, MN, NJ, PA

Dipropylene Glycol Monomethyl Ether is an RTK chemical in the following states.
MA, PA

Polyaklyleneoxide modified polydimethylsiloxane is an RTK chemical in the following states.
NJ

Polypropylene hydrocarbon mixture is an RTK chemical in the following states.
NJ

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>HMIS</u>	Health Hazard: 1	Flammability: 3	Physical Hazards: 0
<u>NFPA</u>	Health Hazard: 1	Flammability: 3	Instability: 0 PPE: H

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Disclaimer

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End of Safety Data Sheet