

Material Safety Data Sheet for Carnauba Wax

Distributed By:

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Section 1. - Identity

Natural Paste Wax

Hazardous - Yes

Health 1

Flammability 2

Flammability 2

Reactivity 0

Personal Protection B

(4=most hazardous)

Emergency Phone Number: Chem-Tel Inc. 800-255-3924

Section 2. – Hazardous Ingredients

Hazardous Components	PEL	TWA	STEL	Other Limits	% (opt)
CAS Reg #	ppm	ppm			
Stoddard Solvent #8052-41-3	500	100			<80
Gum Turpentine #8006-64-2	100	100			<20

*Asterisked Chemical Subject to reporting requirement of Sec. 313 title III.

Section 3. – Physical/Chemical Characteristics

Boiling point	-320F	Specific Gravity (Waters=1)	-0.77
Vapor Pressure (mm Hg)	-2.0	Melting Point	-120F
Vapor Density (air=1)	-4.7	Evaporation Rate (Butyl Acetate=1)	-.21
Viscosity (CPS)	-N/A	Decomposition Temperature	-N/A
Auto Ignition Temp.	-N/A	Solubility in Water	-
pH –NA +/-			
Appearance and Odor – Pliable Paste, Slight Pine Odor			Negligible

Section 4. – Fire and Explosion Hazard Data

Flashpoint – TCC 102 F Flammable Limits LEL- 0.7 UEL – 6.0

Extinguishing media – CO2, Foam, Dry chemical

Fire Fighting Procedure – Cool containers with water, use self-contained breathing apparatus, burning product is toxic.

Fire and Explosion Hazards – Closed containers may burst when exposed to extreme heat. Isolate from Heat, sparks open flame.

Section 5. – Reactivity Data

Stability – STABLE

Conditions to Avoid Heat, Sparks, Open Flame

Incompatibility – STRONG OXIDIZING AGENTS

Hazardous Decomposition or Byproduct – Thermal Decomposition may yield carbon monoxide

Hazardous Polymerization – Will not occur

Conditions to Avoid – N/A

The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results to be obtained from use thereof. Essentially similar to OSHA form #174

Section 6. – Health Hazard Data

Routes of entry:

Inhalation – Yes

Skin – Yes

Ingestion – Yes

Health Hazards-Acute:

Causes eye irritation, drying of skin, dizziness, nausea, vapors may be narcotic

Chronic: respiratory tract irritation could damage liver and kidney.

Carcinogenicity: NO

NTP – NA

IRAC Monographs – NA

OSHA Regulated – No

Signs and Symptoms of Exposure:

Irritation and redness of skin, dizzy felling, pale and nauseous.

Medical Conditions Aggravated:

Kidney, Liver and Lung Problems.

Emergency and First Aid Procedures:

Eyeskin contact: Flush with plenty of water.

Inhalation: remove to fresh air, begin artificial respiration if needed.

Ingestion: Do not induce vomiting, get immediate medical attention.

Section 7. – Precautions for safe handling and use

Steps to be taken in case material is released spilled

Collect material into metal container avoid sparks, flame, and hot surfaces. Wipe off residue with rag.

Waste disposal method

Recycle, incinerate, or use hazardous waste management facility for disposal according to state and federal regulations. EPA Waste no. D001

Precautions to be taken in Handling and Storage

Combustible, keep away from heat, sparks and open flame. Use adequate ventilation.

Avoid prolonged or repeated contact. Keep containers closed.

Other Precautions

Store in secure area. Dispose of empty containers safely.

Keep out of reach of children.

Section 8. – Control Measures

Respiratory Protection – Use self-contained breathing apparatus for concentrations above threshold limit value.

Ventilation Local Exhaust – Recommended
 Mechanical – Assure fresh air container
 Special – N/A
 Other – N/A

Protective Gloves – Recommended: Rubber

Eye Protection – Recommended: Goggles

Other Protection – N/A

Work/Hygienic Practices – Do not eat/drink or smoke next to material. Wash hands/face after work.

Section 9. – Transportation

Unit cost – 30 lb. Met pail, 4, 1 lb. Can Report Qty. (lbs.) – N/A

OSHA – Class II. Combustible liquid Labels – Flammable Solid

DOT – Hazardous/X/Flammable Solid –Packaging Group III

UN – Hazardous /X/Flammable Solid-Packaging Group III

DOT: Flammable Solid n.o.s. (Contains Stoddard Solvent) 4.1, UN1325, PGIII

UN: Flammable Solid n.o.s. (Contains Stoddard Solvent) 4.1, UN1325, PGIII

1&4 pound cans=limited quantity 49 CFR 173.151

Vendor assumes no responsibility for injury to venee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Further more, vendee assumes the risk in use of the material.