

# SAFETY DATA SHEET

Carnauba Wax

Issue Date: 02-Oct-2016

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Version 2

## 1. IDENTIFICATION

### Product Identifier

**Product Form:** Substance  
**Substance Name:** Carnauba Wax  
**SDS#** CW  
**Formula:**  
**Synonyms:** Wax

### Intended Use of the Product

**Use of the substance/mixture:** Restoring wood porous surface

### Name, Address and Telephone of the Responsible Party

#### Supplier Address:

Real Milk Paint, LLC  
126 Commerce Dr.  
Hohenwald, TN 38462  
[www.realmilkpaint.com](http://www.realmilkpaint.com)

### Emergency Telephone Number

Chemtel 24 hours (within US only) 800-255-3924  
Chemtel 24 hours (outside continental US) 813-248-0585

## 2. HAZARDS IDENTIFICATION

**Physical hazards** Flammable vapor Category 3

**Health hazards** Aspiration hazard Category 1

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

### Label elements



**Signal word** DANGER!

### Hazard statement

H226 Flammable vapor.

H304 May be fatal if swallowed and enters airways.

**Prevention** P262 - Avoid eyes contact.

P262 - Avoid prolonged skin contact.

P261 - Avoid breathing vapors or mist

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 - Keep container tightly closed.

P280 - Wear protective gloves/eye protection/face protection.

P264 - Wash hands thoroughly after handling.

**Response** P301 + P310 - If swallowed: Immediately call a poison center/doctor.

P331 - Do NOT induce vomiting.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 - IF INHALED: Remove to fresh air and keep comfortable for breathing.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.

P370 + P378 - In case of fire: Use appropriate media to extinguish.

**Storage** P403 + P235 - Store in a well-ventilated place. Keep cool.

**Disposal** P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. COMPOSITION/INFORMATION OF HEALTH HAZARDS

Identity	CAS No.	EINECS No.	Substance presenting health hazards (R-phases)
Beeswax	8006-40-4		
Carnauba Wax	8015-86-9		
Odorless Mineral Spirits	68551-17-7		

### 4. FIRST AID MEASURES

**Inhalation** If overexposure to vapors or mist, move to fresh air. Call a physician if breathing becomes difficult.

**Skin contact** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

**Ingestion** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

**General information** Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Water mist, carbon dioxide, foam or dry powder.

**Unsuitable Extinguishing Media** Water jet.

**Special exposure hazards:** Avoid inhalation of fumes.

**Protective equipment:** Firefighters should wear protective clothing and approved respirator.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** No special precautions under normal conditions.

**Environmental precautions:** Prevent from entering drains, surface and ground water.

**Methods for cleaning up:** Remove using absorbents, then clean the area with hot water and strong detergents.

### 7. HANDLING AND STORAGE

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<b>Advice on Safe Handling</b>	Handle with care
<b>Measures for safe handling:</b>	Normal working hygiene will suffice
<b>Measures for fire protection:</b>	Keep away from open fire.
<b>Storage Conditions</b>	Store in a cool dry place in the original containers, or store in a tank.
<b>Measures for storage rooms and tanks:</b>	No specific measures.
<b>Incompatible Materials</b>	Pro-oxidants.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limits** No exposure limits noted for ingredient(s).

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear protective gloves.

**Skin protection**

**Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** If engineering controls do not maintain airborne concentrations below recommended exposure

limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**General hygiene considerations**

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Opaque Wax
<b>Physical state</b>	solid
<b>Form</b>	solid
<b>Color</b>	Clear
<b>Odor</b>	Bee's wax
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	N/A
<b>Initial boiling point and boiling range</b>	325 °F (162.8 °C) estimated
<b>Flash point</b>	129.2 °F (54.0 °C) (ASTM D-56)
<b>Evaporation rate</b>	0.2 (BuAc = 1)
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	0.7 % estimated
<b>Flammability limit - upper (%)</b>	5.4 % estimated
<b>Vapor pressure</b>	0.56 mm Hg
<b>Vapor pressure temp.</b>	@ 20 °C
<b>Vapor density</b>	5.4 (Air = 1)
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Negligible.
<b>Auto-ignition temperature</b>	649.4 °F (343 °C)
<b>Other information</b>	

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Percent volatile	80 %
Pounds per gallon	6.333 lb/gal
Specific gravity	0.760
VOC (Weight %)	80 %

### 10. STABILITY AND REACTIVITY

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Stable under normal conditions.

**Possibility of hazardous reactions**

No hazardous reaction known under normal conditions of use.

**Conditions to avoid** Avoid heat, sparks, open flames and other ignition sources. Suitable precautions should be utilized

if using this product at temperatures above the flash point. Contact with incompatible materials.

**Incompatible materials** Strong oxidizers and strong acids.

**Hazardous decomposition products** Carbon monoxide. Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Ingestion** May be fatal if swallowed and enters airways.

**Inhalation** May be fatal if swallowed and enters airways.

**Skin contact** No adverse effects due to skin contact are expected.

**Eye contact** Direct contact with eyes may cause temporary irritation.

**Symptoms related to the physical, chemical and toxicological characteristics**

Direct contact with eyes may cause temporary irritation.

**Information on toxicological effects**

**Acute toxicity** May be fatal if swallowed and enters airways. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**

Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**

Not classified.

**Specific target organ toxicity**

**- repeated exposure**

Not classified.

**Aspiration hazard** May be fatal if swallowed and enters airways.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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### 13. DISPOSAL CONSIDERATIONS

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Waste from residues / unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. TRANSPORT INFORMATION

**DOT BULK**

**UN number** 1268

**Proper shipping name** Petroleum Distillates, n.o.s.

**Hazard class** combustible paste

**Packing group** III

**ERG code** 128

**DOT NON-BULK** Not regulated in a container less than 119 gallons.

### 15. REGULATORY INFORMATION

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312**

**Hazardous chemical**

Yes

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act**

**(SDWA)**

Not regulated.

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### US state regulations

#### US. Massachusetts RTK - Substance List

Not regulated.

#### US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

#### US. Pennsylvania RTK - Hazardous Substances

Not regulated.

#### US. Rhode Island RTK

Not regulated.

#### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any

chemicals currently listed as carcinogens or reproductive toxins.

### International Inventories

#### Country(s) or region Inventory name On inventory (yes/no)\*

Australia Australian Inventory of Chemical Substances (AICS) Yes

Canada Domestic Substances List (DSL) Yes

Canada Non-Domestic Substances List (NDSL) Yes

China Inventory of Existing Chemical Substances in China (IECSC) Yes

Europe European Inventory of Existing Commercial Chemical Substances Yes (EINECS)

Europe European List of Notified Chemical Substances (ELINCS) No

Japan Inventory of Existing and New Chemical Substances (ENCS) Yes

Korea Existing Chemicals List (ECL) Yes

New Zealand New Zealand Inventory Yes

Philippines Philippine Inventory of Chemicals and Chemical Substances Yes (PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. OTHER INFORMATION

The information provided in this safety data sheet is accurate to the best of our knowledge and is valid for the product as supplied. The information is intended for use as a guide for safety measures, and no liability arising out of the use, application or processing of the material is accepted.