

Carnauba Wax

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Version 2

Section 1. IDENTIFICATION

Product Identifier

Product Form: Substance
Substance Name: Carnauba Wax
SDS# CW
Synonyms: Carnauba Wax Paste, Clear Carnauba Wax, Carnauba Wax
Use of the substance/mixture: Finishing and Sealing of Porous Surfaces

Name, Address and Telephone of the Responsible Party

Supplier Address:
 Real Milk Paint, LLC
 126 Commerce Dr.
 Hohenwald, TN 38462
www.realmilkpaint.com

Emergency Telephone Number

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

Section 2. HAZARDS IDENTIFICATION

The product contains no substances which at their given concentration, combination, and formulation, are considered to be hazardous to health.

GHS CLASSIFICATION

Skin irritation: (Category 2)
Eye irritation: (Category 2A)
Specific target organ toxicity: single exposure (Category 3)
Likely Routes of Exposure: Eye contact, skin contact, inhalation, and ingestion.
Inhalation: Inhalation of mist or vapor may cause severe irritation of the respiratory tract that usually subsides after exposure ceases.
Eye Contact: Vapors may irritate eyes. Direct or prolonged contact with eyes will be painful and irritating may also cause possible permanent damage. Seek immediate medical attention for prolonged irritation.
Skin Contact: Repeated exposure may cause skin irritation, drying, chapping.
Ingestion: If swallowed will cause irritation/corrosion of the gastrointestinal tract. Seek immediate medical attention.
Carcinogenic Potential: Not established
Acute Effects: This product is considered to be a potential irritant. This product should not be used for any other purpose than the intended use in section 1.
Chronic Effects: Not established

Signal word: CAUTION

Hazard statement(s): H226 Flammable liquid and vapor.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.



Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	EINICS No.	Weight-%	Substance Presenting Health Hazards (R-phases)
Carnauba Wax	8015-86-9	232-399-4	≈ 10	N/A
Beeswax	8012-89-3	232-383-7	≈ 6	N/A
Odorless Mineral Spirits	68551-17-7	271-366-9	≈ 80	Yes
Trade Secret	N/A	N/A	≈ 4	N/A

Section 4. FIRST AID MEASURES

First Aid Measures

General Advice:	Provide this SDS to medical personnel for treatment. Follow good industrial hygiene practices.
Inhalation:	Remove from further exposure to fresh air. If respiratory irritation, dizziness, or nausea occurs seek immediate medical attention.
Eye Contact:	Flush eyes with a directed stream of water for 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Washing eyes immediately after exposure is essential to achieve maximum effectiveness and minimize potential irritation. If irritation persists, seek immediate medical attention.
Skin Contact:	Wash contact areas with soap and water. Launder exposed clothing before reuse.
Ingestion:	If swallowed, do not induce vomiting. Seek immediate medical attention.

Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician:	Treat symptomatically
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Section 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use carbon dioxide, dry powder, foam, or water spray
Unsuitable Extinguishing Media:	None known

Firefighting Procedures

General Hazard:	During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame. Decomposition releases oxygen, which can intensify the fire. Highly flammable vapors – may cause a floating fire hazard
Firefighting Instructions:	For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
Firefighting Equipment:	Firefighters should wear NIOSH/MSHA approved self-contained, positive pressure breathing apparatus and full protective clothing.

Hazardous Combustion Products: During fire, smoke may contain the original material in addition to toxic and/or irritating compounds. Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

Unusual Fire and Explosion Hazards: Not established

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: Persons performing the cleanup should wear personal protective equipment sufficient to keep material away from skin. Avoid direct contact with material. See section 4 for First-Aid Advice. See section 5 for Firefighting Advice.

Protective Measures: Use good industrial hygiene and common sense. Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (See section 4 for more advice). Wear NIOSH/MSHA approved organic respirator when ventilation is not adequate or when the sufficiency of ventilation to maintain concentrations below exposure limits is in question.

Clean Up Procedures: Small Spills: Wipe up or mop to dispose of spill in DOT approved waste container. Large Spills: Contain by diking with soil or other non-combustible absorbent material, and dispose into DOT approved waste container. If possible complete clean up on a dry basis. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Contain all spills or leaks to prevent discharge into the environment. Responsibility of all spills or releases reported to the appropriate local, state and federal agencies falls upon the user.

Section 7. HANDLING AND STORAGE

Handling

Advice on Safe Handling: Handle with care

Measures for safe handling: Normal working hygiene will suffice

Measures for fire protection: Keep away from open fire and heat sources

Storage

Storage Conditions: Store in a cool dry place in the original containers. Keep container lid closed and in upright position.

Measures for storage rooms/tanks: No specific measures.

Incompatible Materials: Strong-oxidizing agents.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

The following information is given as general guidance. Handle in accordance with good industrial hygiene measures.

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.

Appropriate Engineering Controls

Engineering Controls:

Use only with adequate ventilation to prevent build-up of vapors. Open windows and doors if needed to provide fresh air. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - Stop - ventilation is inadequate. Leave area immediately. Have eye wash station readily accessible as well as suitable washing facility for other skin contact.

Individual Protection Measures, such as Personal Protective Equipment

Respiratory:

Wear NIOSH/MSHA approved respirator when ventilation is not adequate. A NIOSH /MSHA –approved air purifying respirator with an organic vapor cartridge or canister may be advisable under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure, air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air-purifying respirators may not provide adequate protection.

Eye Protection:

Wear safety goggles to protect against eye contact. See OSHA 29 CFR 1910.33

Skin:

Wear chemical impervious gloves. Wear protective clothing to minimize skin contact. Wash skin after use. Wash contaminated clothing and dry before reuse.

Other:

One should always use chemicals with an awareness of the potential hazard of the effect on the human system. To minimize employee exposure to all chemicals, including this product, use good industrial hygiene practices.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State:	Solid	Odor:	Beeswax Aroma
Appearance:	Cloudy	Odor Threshold:	Not Determined
Color:	Opaque Yellowish		

Property	Values	Remarks / Methods
pH	Not Determined	
Melting Point/Freezing Point	Not Determined/ Not Determined	
Boiling Point/Boiling Range	≈ 325 °F (162.8 °C)	
Flash Point	129.2 °F (54.0 °C) (ASTM D-56)	CC (Closed Cup)
Evaporation Rate	Not Determined	
Flammability (solid,gas)	Not Determined	
Upper Flammability Limits	≈ 5.4%	
Lower Flammability Limits	≈ 0.7%	
Vapor Pressure	0.56 mm Hg @ 20 °C	
Specific Gravity	Not Determined	
Water Solubility	Insoluble in Water	
Solubility in Other Solvents	Not Determined	
Partition Coefficient	Not Determined	
Auto-ignition Temperature	649.4 °F (343 °C)	
VOC Weight (%)	≈ 80% 4.69 lbs per gallon	
Kinematic Viscosity	Not Determined	
Dynamic Viscosity	Not Determined	
Explosive Properties	Not Determined	
Percent Volatile	≈ 80%	
Evaporation Rate	0.2 (BuAc = 1)	

Section 10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Heat, flames, and sparks. Keep out of reach of children.
Incompatible Materials:	Strong oxidizing agents and strong acids
Hazardous Decomposition Products:	Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known. Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

Section 11. TOXICOLOGICAL INFORMATION

Information on likely Routes of Exposure

Eye Contact:	Direct contact with eyes may cause temporary irritation.
Skin:	No adverse effects due to skin contact are expected.
Inhalation:	May be fatal if swallowed and/or enters airways.
Ingestion:	May be fatal if swallowed and/or enters airways.

Information on Physical, Chemical, and Toxicological Effects

Acute Toxicity

Oral LD50:	no data available
Inhalation LC50:	no data available
Dermal LD50:	no data available
Other Information:	no data available
Skin Corrosion/Irritation:	no data available
Serious Eye Damage/Irritation:	no data available
Respiratory or Skin Sensitization:	no data available
Potential Health Effects:	<i>Inhalation:</i> May be harmful if inhaled. May cause respiratory tract irritation. <i>Ingestion:</i> May be harmful if swallowed. <i>Skin:</i> May be harmful if absorbed through skin. May cause skin irritation. <i>Eyes:</i> May cause eye irritation.

Skin Corrosion/Irritation	Prolonged skin contact may cause temporary irritation
Serious Eye Damage/Irritation	Direct contact with eyes may cause temporary irritation
Respiratory or Skin Sensitization	Not Available/Not Expected
Aspiration Hazard	May be fatal if swallowed and enter airways
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

US. OSHA Specifically Regulated Substances (49 CFR 173.151) Consumer Commodity

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not classified as environmentally hazardous. However, an environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Component Information:	Not Available
Persistence/Degradability:	Readily Biodegradable
Bioaccumulation:	Not Determined
Motility:	Not Determined
Other Adverse Effects:	Not Determined

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: 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. Disposal should be in accordance with applicable regional, national, federal, and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations. 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

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR

DOT Shipping Name:	PETROLEUM DISTILLATES, N.O.S., (CONTAINS Naphtha (petroleum) hydrotreated heavy)
DOT UN Number:	UN1268
DOT Hazard Class:	3
DOT Packing Group:	III
DOT Exemption:	PETROLEUM DISTILLATES, N.O.S., (CONTAINS Naphtha (petroleum) hydrotreated heavy)
IATA Shipping Name:	PETROLEUM DISTILLATES, N.O.S., (CONTAINS Naphtha (petroleum) hydrotreated heavy)
IATA UN Number:	UN1268
IATA Hazard Class:	3
IATA Packing Group:	III
IMDG UN Number :	UN1268
IMDG Shipping Name :	PETROLEUM DISTILLATES, N.O.S., (CONTAINS Naphtha (petroleum) hydrotreated heavy)
IMDG Hazard Class :	3
IMDG Packing Group :	III

15. Regulatory information

Carnauba Wax :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 232-399-4

Odorless Mineral Spirits :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 271-366-9

SARA Reporting Requirements:

NA

SARA Threshold Planning Quantity:

NA

TSCA Inventory Status:

All Chemical substances of this product are listed on the TSCA inventory or are otherwise exempt from inventory status.

CERCLA Reportable Quantity (RQ)

NA

Other Federal Requirements:

NA

Other Canadian Regulations

This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List.

State Regulatory Information:

The primary component of this product is not listed on the following state lists: California OSHA; California Proposition 65; Massachusetts Right to Know List of Chemicals; New Jersey Right to Know List 8:59 Appendix A; Pennsylvania Hazardous Substances List 34 323 Appendix A; Wisconsin Hazardous Substances List NR 605.09; Minnesota Hazardous Substances List; and Florida Toxic Substances List.

67/548/EEC (European Union) Requirements:

The primary component of this product is listed in Annex 1 of EU Directive 67/548/EEC:

Petroleum Naphtha: Flammable, Harmful (F, Xn). R: 10-65 _ Flammable. Harmful: may cause lung damage if swallowed. S: 2-23-24-62 – Keep away from children. Do not breath gas, fumes, vapor or spray. Avoid contact with skin. If swallowed, do not induce vomiting: seek medical advice immediately and show this MSDS or the container label.

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard:	2
HMIS Fire Hazard:	3
HMIS Reactivity:	1
HMIS Personal Protection:	1
HMIS Other:	x

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Revision Note:	New Format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The Real Milk Paint Co. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, The Real Milk Paint Co. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

End of Safety Data Sheet