

Material Safety Data Sheet

BRIWAX
INT'L., INC.



Instructions

**This Data Sheet contains Important Information.
READ AND KEEP FOR REFERENCE.**

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 2030 Natural Creamed Beeswax

Product Code: 2030

Manufacturer/Supplier:

BRIWAX International Inc. 2222 Spring Creek Pkwy.
P.O. Box 865110 Suite 105
Plano, TX 75086-5110 Plano, TX 75023
1-800-5-BRIWAX
Fax: 972-867-8960

Transportation Emergencies: Call Chemtrec, 1-800-424-9300

Revision Number: 1

Intended Use: Coating/Sealer

Description: Natural Creamed Beeswax

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Solvent naphtha medium aliphatic	30-60	64742-88-7	No PEL established
Turpentine	10-30	7785-70-8	No PEL established

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communications Standard).

3.0 HAZARDS IDENTIFICATION

Emergency Overview: Moderate eye irritant. Causes skin irritation. Harmful by inhalation. Harmful if swallowed. Combustible.

Eye Contact	Can cause moderate irritation, tearing, and reddening, but not likely to permanently injure eye tissue.
Skin Contact	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. Sensitizer! Avoid exposure. If sensitized, repeated exposures will result in irritation, reddening and rashes even for very low exposures.
Inhalation Toxicity	Harmful! Can cause systemic damage (see "Target Organs")
Inhalation Irritation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Ingestion Toxicity	Harmful if swallowed. May cause systemic poisoning.
Ingestion Irritation	Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Routes of Entry: Skin contact, Eye contact, Inhalation, and Ingestion.

Target Organs Potentially Affected by Exposure: Nervous system, Kidneys, Liver

Chemical Interactions That Change Toxicity: None Known

Medical Conditions Aggravated by Exposure: Kidney disease, Liver disease

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3.0 HAZARDOUS IDENTIFICATION CONT'D

Carcinogenicity	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC or OSHA.
Reproductive and Developmental Toxicity	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

4.0 FIRST AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.
Eyes	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
Notes to Doctor	No additional first aid information available.

5.0 FIREFIGHTING MEASURES

Flammability Summary	Combustible
Flashpoint	40C; 104F
Fire and/or Explosion Hazards	Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.
Fire Fighting Methods and Protection	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.
Hazardous Combustion Products	Carbon dioxide; Carbon monoxide

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6.0 ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. Clean up spills immediately using Protective Equipment recommended in Section 8 at a minimum. Evaporation or volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
Methods for Clean-up	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Do not allow the spilled product to enter public drainage system or open waterways.

7.0 HANDLING AND STORAGE

Handling Technical Measures and Precautions	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. Use with adequate ventilation. Use non-sparking tools when opening and closing containers. Ground and bond containers when transferring material.
Storage Technical Measures and Conditions	Store in a cool dry place. Isolate from incompatible materials.

8.0 EXPOSURE CONTROL/ PERSONAL PROTECTION

Engineering Measures	No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.
Respiratory Protection	Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.
Eye Protection	Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.
Skin Protection	Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking and when leaving work.
Gloves	Nitrile Viton.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste
Odor	Characteristic
Solubility in Water	Negligible; 0-1%
Boiling Point	185 deg. C
Melting Point	35 deg. C
Specific Gravity	0.9
Volatiles % by weight	60.0
Volatile Organic Chemicals (g/	540

10.0 STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition.
Materials to Avoid/Chemical Incompatibility	Acid; Oxidizing materials; Aluminum chloride; Boron trifluoride

11.0 TOXICOLOGICAL INFORMATION

Component Toxicology Data (NIOSH): Chemical Name—no data available CAS Number—LD50/LC50

12.0 ECOLOGICAL INFORMATION

13.0 DISPOSAL CONSIDERATIONS

Overview	Moderate ecological hazard. This product may be dangerous to plants and/or wildlife. Harmful to fish and other water organisms.
Bioaccumulation	Bioconcentration is not expected to occur.

14.0 TRANSPORTATION INFORMATION

Waste Description for Spent Product	Spent or discarded material is a hazardous waste.
Disposal Methods	Dispose of by incineration following Federal, State, Local, or Provincial regulations.
Waste Disposal Code(s)	D001

15.0 REGULATORY INFORMATION

DOT Basic Description	DOT & IATA: PAINT RELATED MATERIAL, 3, UN1263, PG III, LABEL REQUIRED: FLAMMABLE LIQUID
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Chemical Name—No. 313 listed chemicals in this product **Regulation**—SARA 313

16.0 ADDITIONAL INFORMATION

TSCA Status	All components in this product are on the TSCA Inventory.
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P.O. Box 865110 Plano, TX 75086

Other info	Prepared by Thomas J Lewis Ph.D.
Disclaimer	<p>The information contained in this safety data sheet is provided in accordance with the requirements of OSHA Hazard Communication (29 CFR 1910.1200). The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.</p> <p>The information contained in this Material Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance as suitability for particular applications.</p>

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