


Material Safety Data Sheet

BRIWAX
INT'L., INC.



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

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BRIWAX Spray

Product Code:

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: Furniture polish

Description: Wax Polish

Chemical Family: Wood Finish

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Solvent Naphtha	60 - 90	64742-48-9	Not Established
Hydrocarbon Propellent	10 - 30	68476-85-7	Not Established

3.0 HAZARDS IDENTIFICATION

Emergency Overview	Moderate to severe eye irritant. Causes skin irritation. Moderate respiratory tract irritant. Moderate gastrointestinal tract irritant. Highly Flammable.
Routes of Entry	Contact; Inhalation; Absorption
Target Organs Potentially Affected by Exposure	Nervous System; Kidneys; Liver; Eyes; Skin; Respiratory Tract
Chemical Interactions that Change Toxicity:	No chemical interaction known to affect toxicity.
Medical Conditions Aggravated	Kidney disease; Liver disease; Eye disease; Skin disease including eczema and sensitization. Respiratory disease including asthma and bronchitis.

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Inhalation Toxicity	Harmful! Can cause systemic damage. (see "Target Organs")
Skin Contact	Can cause moderate skin irritation, defatting and dermatitis. Not likely to cause permanent damage. Harmful if absorbed through the skin. May cause severe irritation and systemic damage.

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3.0 HAZARDS IDENTIFICATION CONT'D

Eye Contact	Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and red- dening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.
Ingestion Irritation	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.
Ingestion Toxicity	Harmful if swallowed. May cause systemic poisoning.

Long-Term (Chronic) Health Effects:

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 de- fect.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% is mutagenic and genotoxic.

4.0 FIRST-AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained professional administer oxygen. If not breath- ing, give artificial respiration and have a trained individual administer oxygen. Get medical attention im- mediately.
Eyes	Immediately 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 and moni- tor the eye daily as advised by your physician.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion	Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. Induce vomiting as a last measure. Induced vomit- ing may lead to aspiration of this material into the lungs potentially causing chemical pneumonitis that may be fatal.

5.0 FIRE FIGHTING MEASURES

Flammability	Highly Flammable
Summary: Extinguishing Media	Alcohol foam; Carbon dioxide; Dry chemical
Fire and/or Explosion Hazards	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 hazard- ous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling.

5.0 FIRE FIGHTING MEASURES CONT'D

Fire Fighting Methods and Protection	Do not enter fire area with 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. Use water spray/fog for cooling.
Hazardous Combustion Products	Carbon monoxide and carbon dioxide
Flash Point	<0C; <32F
Autoignition Temperature, deg C	~260

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 occurred. Also consider the expertise of employees in the area responding to the spill. Evaporation of 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 harmful health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendations 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. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

Handling Technical Measures and Precautions	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment.
Storage Technical Measures and Conditions	Store in a cool and dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from heat, sparks and flame.

Engineering Measures	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.
Respirator Type(s)	NIOSH approved air purifying respirator with organic vapor cartridge and HEPA filter. Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres.

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7.0 EXPOSURE CONTROLS/PERSONAL PROTECTION CONT'D

Eye Protection	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact when splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
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, Neoprene

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL
Solvent Naphtha	None Established	None Established

8.0 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Aerosol
Color Odor	Colorless to pale amber
pH Solubility in	Moderate Aromatic
Water Vapor	Not applicable
Density	Negligible: <1
Evaporation Rate	Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.
Volatile Organic Chemicals	Not Established
Boiling Point	191 deg. C (Solvent Naphtha)
Specific Gravity	0.725 g/ml
Bulk Density	7.227 lbs/gal

9. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Sparks, open flame, other ignition sources, and elevated temperatures.
Materials to Avoid/Chemical Incompatibility	Strong oxidizing agents.

10.0 TOXICOLOGICAL INFORMATION

Acute Toxicity	This material is likely to be severely irritating to eyes based on animal data. This material is likely to be moderately irritating to skin based on animal data. Likely to be moderately toxic based on animal studies.
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Component Toxicology Data (NIOSH):

Chemical Name	CAS Number	LD50/LC50
Solvent Naphtha	64742-38-9	None Available

11.0 ECOLOGICAL INFORMATION

No information available

12.0 DISPOSAL CONSIDERATIONS

Overview	Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.
Mobility	This material is expected to have moderate mobility in soil. It absorbs to most soil types.
Persistence	No data
Bioaccumulation	Bioconcentrations may occur.
Degradability	Biodegrades slowly.

13.0 TRANSPORTATION INFORMATION

Waste Description for Spent Product	Spent or discarded material (empty containers) is likely not a hazardous waste. Containers with residual material is highly flammable and must be disposed of following Federal regulations.
Disposal Methods	Dispose of by incineration following Federal, State, Local or Provincial regulations.
EPA Waste Code(s)	If discarded, this product is considered a RCRA ignitable waste, D001.
Substances subject to EPA Land Ban	None.

14.0 REGULATORY INFORMATION

TSCA Status: All components in this product on the TSCA Inventory.

Chemical Name:	CAS #	Regulations	% Range
Solvent Naphtha	64752-49-8	None	60-90

Substances known to the State of California to cause cancer or reproductive harm: None

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15.0 ADDITIONAL INFORMATION

<p>Other Info</p> <p>Disclaimer</p>	<p>Prepared by Thomas J. Lewis Ph.D.</p> <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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