

Material Safety Data Sheet



Instructions

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

BRIWAX INT'L, INC.



BY APPOINTMENT TO
H.M. QUEEN ELIZABETH II
MANUFACTURERS OF
FRENCH POLISHES & LAQUERS
J W BOLLON & Co. LTD.
T/A HENRY FLACK (1860) LTD

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 6003 (I2) BRIWAX Furniture Cleaner

Product Code: 6003 (I2)

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: Paint thinner. For professional use only.

Description: BW45 BRIWAX FURNITURE CLEANER

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS#	OSHA Exposure Limits
Xylene (mixed isomers)	90-99	1330-20-7	100ppm TWA; 435 mg/m ³ TWA
1—Butanol	10-30	71-63-3	100 ppm TWA; 300 mg/m ³ TWA

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

3.0 HAZARDS IDENTIFICATION

Eye Contact	Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.
Skin Contact	Can cause moderate skin irritation, defatting and dermatitis. Not likely to cause permanent damage.
Skin Absorption	May cause irritation and minor systemic damage.
Inhalation Irritation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Inhalation Toxicity	Harmful! Can cause systemic damage. (see "Target Organs")
Ingestion Irritation	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
Ingestion Toxicity	Harmful if swallowed. May cause systemic poisoning.

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3.0 HAZARDS IDENTIFICATION CONT'D

Emergency Overview: Moderate to severe eye irritant. Cause skin irritation. Harmful by inhalation. Highly Flammable.

Routes of Entry: Contact, Inhalation and Absorption

Target Organs Potentially Affected by Exposure: Eyes, Nervous System, Blood, Skin, Respiratory Tract, Digestive Tract, Kidneys, and Liver

Chemical Interactions that Change Toxicity: None Known

Medical Conditions Aggravated by Exposure: Eye Disease, Skin disease including eczema and sensitization, Respiratory disease including asthma and bronchitis, Digestive tract disease, Kidney disease, Liver Disease.

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 component 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	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 monitor 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.
Notes to Doctor	No additional first aid information available.

5.0 FIRE FIGHTING MEASURES

Flammability Summary	Highly Flammable
Extinguishing Media	Alcohol foam; Carbon dioxide; Dry chemical; Sand; Water may be ineffective in fire fighting due the material or component(s) low flash point, low solvent density, and limited miscibility with water.
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.

5.0 FIRE FIGHTING MEASURES CONT'D

Hazardous Combustion Products	Carbon dioxide; Carbon monoxide
Flash Point	21C; 70F
Autoignition Temperature, deg. C	343
Lower Flammable/Explosive Limit, % in air	1.1

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.
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 well-ventilated area. Use spark-proof tools and explosion-proof equipment.
Storage Technical Measures and Conditions	Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition.

8.0 EXPOSURE CONTROLS/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. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with 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	No information available.

8.0 EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
Xylene (mixed isomers)	100 ppm TWA; 434 mg/m ³ TWA	150 ppm STEL; 651 mg/m ³ STEL	900 ppm IDLH
1- Butanol	None	—————	1400 ppm IDLH (lower explosive limit)

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Odor	Moderate, Aromatic
Solubility in Water	Negligible; 0-1%
Melting Point	-90 deg. C
Specific Gravity	0.854
Density	7.12
VOC %	100

10.0 STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Materials to Avoid/Chemical Incompatibility	Strong oxidizing agents; Strong acids; Strong alkalies

11.0 TOXICOLOGY INFORMATION

Ingestion	Harmful if swallowed. May cause systemic poisoning.
Inhalation	Likely to be practically non-toxic based on animal data.
Absorption	Estimated to be 1.0– 2.0 g/kg; slightly toxic

Component Toxicology Data (NIOSH):

12.0 ECOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Xylenes (o-, m-, p- isomers)	1330-20-7	Oral, rat: LD50 = 4300mg/kg; Inhalation, rat: LC50 = 5000 ppm/4H; Skin, rabbit: LD50 = > 1700mg/kg
N-Butyl alcohol	71-36-3	Oral, rat: LD50 = 790 mg/kg; Inhalation, rat: LC50 = 8000ppm/4H; Oral, mouse: LD50 = 2680 mg/kg; Skin, rabbit: LD50 = 3400 mg/kg

Overview: No ecological information available. Do not allow the spilled product to enter public drainage system or open waterways.

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13.0 DISPOSAL CONSIDERATIONS

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

14.0 TRANSPORTATION INFORMATION

DOT Basic Description: DOT & IATA: PAINT RELATED MATERIAL, 3, UN1263, PG III, LABEL REQUIRED: FLAMMABLE LIQUID

15.0 REGULATORY INFORMATION

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

Chemical Name	CAS #	Regulation	% Range
Benzene, dimethyl	1330-20-7	CERCLA	1-5
Ethyl benzene	100-41-4	CERCLA	1-5
1,2,4- Trimethylbenzene	95-63-6	SARA313	3-7
Xylene (mixed isomers)	1330-20-7	SARA313	1-5
Ethyl benzene	100-41-4	SARA 313	1-5

16.0 ADDITIONAL INFORMATION

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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