


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: 2032 BRIWAX Touch-Up Pen

Product Code: 2032

Manufacturer/Supplier:

BRIWAX International Inc.

P.O. Box 865110

Plano, TX 75086-5110

1-800-5-BRIWAX

Fax: 972-867-8960

2222 Spring Creek Parkway

Suite 105

Plano, TX 75023

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

Revision Number: 1

Description: BRIWAX Touch-Up Pen

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
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No hazardous components

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

3.0 HAZARDS IDENTIFICATION

Emergency Overview: No eye hazard. Not a skin hazard. Combustible at elevated temperatures.

Inhalation Irritation	No hazard in normal industrial use.
Skin Contact	No hazard in normal industrial use.
Eye Contact	No hazard in normal industrial use.
Ingestion Irritation	No hazard in normal industrial use.

Routes of Entry: None Known

Target Organs Potentially Affected by Exposure: No organs known to be damaged from exposure to this product.

Medical Conditions Aggravated by Exposure: No medical conditions affected by exposure.

Chemical Interactions That Change Toxicity: None Known

Carcinogenicity	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, 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.

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4.0 FIRST AID MEASURES

Inhalation	This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure. If symptoms are experienced, remove source of contamination or move individual to fresh air and obtain medical advice.
Eyes	None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Do not use solvents to remove product residues from skin.
Ingestion	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS. Never give anything by mouth to an unconscious person.
Notes To Doctor	No additional first aid information available.

5.0 FIRE FIGHTING MEASURES

6.0 ACCIDENTAL RELEASE MEASURES

<u>Flammability Summary:</u>	Not combustible
Extinguishing Media	Alcohol foam; Carbon dioxide; Dry chemical; Water spray
Fire and/or Explosion Hazards	Material will not ignite or burn.
Fire Fighting Methods and Protection	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
Hazardous Combustion Products	Carbon dioxide; Carbon monoxide
Flash Point	No data. Material will not flash.

7.0 HANDLING AND STORAGE

Personal Precautions and Equipment	No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.
Methods for Clean-up	No special spill clean-up considerations. Collect and discard in regular trash. Do not allow the spilled product to enter public drainage system or open waterways.

Handling Technical Measures and Precautions	No special handling instructions due to toxicity. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Storage Technical Measures and Conditions	Keep container closed when not in use. Avoid freezing to prevent bursting of the container.

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8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures	No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.
Respiratory Protection	No respiratory protection required under normal conditions of use. If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.
Eye Protection	Wear safety glasses when handling this product.
Skin Protection	Wear protective gloves. Inspect the 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. Where use can result in skin contact, practice good personal hygiene.
Gloves	Nitrile Neoprene, Natural latex

Control Parameters:

Chemical Name **ACGIH TLV-TWA** **ACGIH STEL** **IDLH**
None

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Depends upon product selection. The color additives do not affect product hazards.
Odor	Mild Characteristic
pH	7
Solubility in Water	Moderate; 50-99%
Volatiles, % by weight	87.0
Volatile Organic Chemicals (g/L)	680
Boiling Point	100 deg. C
Melting Point	72 deg. C
Specific Gravity	0.91

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10.0 STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
Materials to Avoid/Chemical Incompatibility	Strong oxidizing agents; Strong acids; Strong alkalis
Hazardous Decomposition Products	Carbon dioxide; Carbon monoxide; Nitrogen containing gases, Smoke.

11.0 TOXICOLOGICAL INFORMATION

Component Toxicology Data (NIOSH):

Chemical Name **CAS #** **LD50/LC50**

No data available

Ingestion	Oral LD50 Rat> 15000 mg/kg
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12.0 ECOLOGICAL INFORMATION

Overview: This material is not expected to be harmful to the ecology. Keep out of waterways.

13.0 DISPOSAL CONSIDERATIONS

Waste Description for Spent Product	Spent or discarded material is non-hazardous according to environmental regulations. Mixing spent or discarded material with other materials may render the mixture hazardous. Perform a hazardous waste determination on mixtures.
Disposal Methods	Dispose of in a landfill. Disposal is not likely to be regulated.

14.0 TRANSPORTATION INFORMATION

DOT Basic Description: DOT & IATA: Not restricted.

15.0 REGULATORY INFORMATION

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

Chemical Name	CAS #	Regulation	% Range
No 313-listed chemicals in this product			

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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