

# 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:** 1044 (I1); BW75 BRIWAX WATER BASED DYE; WF89 HYDROCOTE WATER STAIN; WR89 WATER DYE; WF89 WATEREDYE STAIN

**Product Code:** 1044

**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

### 2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS#	OSHA Exposure Limit
Solution of synthetic resin & dyestuffs in water/solvent.	~100	_____	No PEL established

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

### 3.0 HAZARDS IDENTIFICATION

<b>Inhalation Irritation</b>	Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Avoid breathing vapors or mist.
<b>Skin Contact</b>	Can cause minor skin irritation, defatting and dermatitis. Prolonged or repeated contact may produce defatting of the skin leading to irritation and dermatitis.
<b>Eye Contact</b>	Can cause minor irritations, tearing and reddening.
<b>Ingestion Irritation</b>	Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

**Emergency Overview:** Minor eye irritant. Causes mild skin irritation. Combustible.

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

**Chemical Interactions That Change Toxicity:** None Known

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

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### 3.0 HAZARDS IDENTIFICATIONS CONT'D

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

### 4.0 FIRST AID MEASURES

<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
<b>Eyes</b>	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
<b>Skin Contact</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion</b>	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS. Never give anything by mouth to an unconscious person.
<b>Notes to Doctor</b>	No additional first aid information available.

### 5.0 FIRE FIGHTING MEASURES

<b>Flammability Summary</b>	<b>COMBUSTIBLE</b>
<b>Extinguishing Media</b>	Halon; Dry Chemical; Alcohol foam; Water spray; Use dry sand or earth to smother fire.
<b>Fire and/or Explosion Hazards</b>	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.
<b>Fire Fighting Methods and Protection</b>	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 components of this material may be lighter than water and burn while floating on the surface.
<b>Hazardous Combustion Products</b>	Carbon dioxide; Carbon monoxide
<b>Flash Point</b>	55C; 131F

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## 6.0 ACCIDENTAL RELEASE MEASURES

<p><b>Personal Precautions and Equipment</b></p>	<p>Exposure to the spilled material may be irritated 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. Ventilate the contaminated area.</p>
<p><b>Methods for Clean-up</b></p>	<p>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 such as sand or vermiculite. Place in properly labeled closed container. Absorb the liquid and scrub the area with detergent and water.</p>

## 7.0 HANDLING AND STORAGE

<p><b>Handling Technical Measures and Precautions</b></p>	<p>Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material.</p>
<p><b>Storage Technical Measures and Conditions</b></p>	<p>Store in a cool dry place. Isolate from incompatible materials. Do not store in direct sunlight. Keep away from sources of ignition.</p>

## 8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

<p><b>Engineering Measures</b></p>	<p>Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.</p>
<p><b>Respiratory Protection</b></p>	<p>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. A supplied air type respirator may be required.</p>
<p><b>Eye Protection</b></p>	<p>Wear safety glasses when handling this product. Wear chemical splash goggles if splashing or high-pressure system is used.</p>
<p><b>Skin Protection</b></p>	<p>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. Use of protective coveralls and long sleeves is recommended. The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.</p>
<p><b>Gloves</b></p>	<p></p>

### Control Parameters:

Chemical Name                      ACGIH-TLV-TWA                      ACGIH-STEL                      IDLH

None

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## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Color</b>	Depends upon product selection. The color additives do not affect product hazards.
<b>Odor</b>	Mild
<b>pH</b>	ND
<b>Viscosity</b>	0.3 poise
<b>Solubility in Water</b>	Complete; 100%
<b>Volatile Organic Chemicals (g/L)</b>	11
<b>Vapor Density</b>	Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.
<b>Specific Gravity</b>	1,002

## 10.0 STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition.
<b>Materials to Avoid/Chemical Incompatibility</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Carbon dioxide; Carbon monoxide; Nitrogen containing gases

## 11.0 TOXICOLOGICAL INFORMATION

### Component Toxicology Data (NIOSH):

**Chemical Name**                      **CAS Number**                      **LD50/LC50**

No data available

## 12.0 ECOLOGICAL INFORMATION

**Overview:** Slight ecological hazard. In high concentration, this product may be dangerous to plants and/or wildlife. Keep out of waterways.

## 13.0 DISPOSAL CONSIDERATIONS

<b>Waste Description for Spent Product</b>	Spent or discarded material is not expected to be a hazardous waste.
<b>Disposal Methods</b>	Dispose of by incineration following Federal, State, Local, Provincial regulations. Perform a waste determination prior to disposal. Dispose of hazardous waste at RCRA permitted facilities. All other wastes should be disposed at permitted facilities that accept industrial waste. Clean up and dispose of waste in accordance with federal, state, and local environmental regulations.

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## 14.0 TRANSPORTATION INFORMATION

**DOT Basic Description:** DOT & IATA: Not restricted

## 15.0 REGULATORY INFORMATION

**TSCA Status:** This substance is listed on the TSCA Inventory of Existing Chemical Substances.

<b>Chemical Name</b>	<b>CAS #</b>	<b>Regulation</b>	<b>% Range</b>
1044 (11)			

## 16.0 ADDITIONAL INFORMATION

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