

Material Safety Data Sheet

Data may be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.

N/A = Not applicable. N/D = No data

Identity:
(As used on label and list) BPI Cold Fashion Frame Dyes™

Section I	Manufacturer's Name: Brain Power Incorporated (BPI)	Emergency Telephone Number: 305-264-4465
	Address: 4470 SW 74th Avenue Miami, Florida 33155, USA.	Telephone Number for Information: 305-264-4465
	Date Prepared: 1 May 2008	

Section II	Hazardous Components				
	Specific Chemical Identity; Common Name (s)	OSHA PEL	ACGIH TLV	Other Limits	% Optional
Section II Specific Chemical Identity; Common Name (s)	Proprietary SD Alcohol	1000 ppm	1000 ppm		
	Disperse Blue 7	Not established	Not established		
	Disperse Yellow 3 (CAS# 2832-40-8)	Not established	Not established		
	All remaining dyes are trade secrets. Other ingredients not listed are proprietary and are not known to be hazardous. Not all components are in dye formulations.				

Section III Characteristics	Boiling Point: N/D	Specific Gravity: (H ₂ O=1) N/D	pH: N/D
	Vapor Pressure: (mm Hg.) 100 mm @ 29° C For SD Alcohol	Melting Point: N/D	
	Vapor Density: (AIR=1) 1.6 For SD Alcohol	Evaporation Rate: (Butyl Acetate =1) 1.9 For SD Alcohol	
	Solubility in Water: Miscible	Appearance & Odor: Colored liquid. Slight odor	

Section IV Fire and Explosion Hazard Data	Flash Point: (Method Used) < 73° F	Flammable Limits: For SD Alcohol	LEL: 3.2 % at 38° C	UEL: 25.7 % at 66° C
	Extinguishing Media: Water fog., Dry chemical, carbon dioxide, foam			
	Special Fire Fighting Procedures: Wear self-contained breathing apparatus with face shield and protective clothing to avoid personal contact.	NFPA CODES	F: 4	
	Unusual Fire and Explosion Hazards: Avoid spark or open flame as a precautionary measure. DO NOT USE HOT PLATE.		H: 2	
		R: 1		
		S: N/D		

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Identity:

(As used on label and list)

BPI Cold Fashion Frame Dyes™

Section V Reactivity Data	Stability:	Unstable: <input type="checkbox"/>	Conditions to avoid: Stable on storage under normal conditions.
		Stable: <input checked="" type="checkbox"/>	
	Incompatibility: (Materials to avoid) Avoid oxidizing and reducing agents, strong acids and strong bases.		
Hazardous Decomposition or Byproducts Decomposing may produce oxides of carbon, nitrogen and/or sulfur.			
Section VI Health Hazard Data	Hazardous Polymerization:	May occur: <input type="checkbox"/>	Conditions to avoid: None known
		Will not occur: <input checked="" type="checkbox"/>	
	Route(s) Of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes		
Health Hazards: (Acute & Chronic) May be harmful by inhalation and skin absorption. May cause eye and skin irritation. Dyes are sensitizers may cause allergic reaction. May be toxic by ingestion. Disperse Yellow 3 has been found to produce tumors in feeding studies with laboratory animals. Disperse Blue 7 may be mutagenic. Positive Ames test. LD 50 SD Alcohol 6.2g/kg (rat), LD 50 Dyes 2g/kg (rat) typical.			
Carcinogenicity: NTP? Not listed		IARC Monographs? Not listed.	OSHA Regulated? No
Signs & Symptoms of Exposure: Overexposure may cause redness and irritation of the skin. Ingestion may lead to gastric disturbance, nausea or dizziness.			
Medical Conditions Generally Aggravated By Exposure: May aggravate existing skin, eye or liver conditions on overexposure			
Emergency & First Aid Procedures: Inhalation: Move to fresh air. Ingestion: Seek immediate medical assistance. Eye or skin contact: Flush exposed area well with water for at least 15 minutes. If irritation persists seek medical advice.			
Section VII Precautions For Safe Handling And Use	Steps To Be Taken In Case Material Is Released Or Spilled: Disconnect all ignition sources. Avoid eyes or skin contact. DO NOT SWALLOW. Wear impervious gloves (such as disposable latex) and splash-proof chemical goggles. Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal. For major spills wear a NIOSH approved respirator for organic vapors. Dispose of waste in accordance with all local, state and federal regulations.		
	Waste Disposal Method: Dispose of waste in accordance with all local, state and federal regulations.		
	Precautions To Be Taken In Handling & Storage: Use only with appropriate equipment. Do not use a hot plate or open flame. Avoid eye and skin contact. Wash thoroughly after use. Keep container closed when not in use. Work in well-ventilated area. Eye washes and safety showers are recommended .		
Section VIII Control Measures	Respiratory Protection: (Specify Type) See appropriate information under spills.		
	Ventilation:	Local Exhaust: Recommended	Special: Comply with state and local regulations
		Mechanical: (General) Acceptable	Other: Avoid ignition sources.
	Protective Gloves: Strongly recommended		
	Eye Protection: Strongly recommended		
	Other Protective Clothing Or Equipment: Protective lab coat recommended.		
Work/Hygenic Practices: Avoid all personal contact. Wear appropriate safety equipment. Wash well after use			