

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: BPI IR Dyes™
(As used on label and list)

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
	Disperse Blue 291		Not established	Not established		
	Disperse Violet 1 (CAS# 128-95-0)		Not established	Not established		
	Component 1 (CAS# 56548-64-2).		Not established	Not established		
	Component 2 (CAS# 67674-22-0)		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 all dye formulations						
Section III	Boiling Point: >212° F		Specific Gravity: (H ₂ O=1) ~1		pH: N/D	
	Vapor Pressure: (mm Hg.) Due to water		Melting Point: < 32° F			
	Vapor Density: (AIR=1) Due to water		Evaporation Rate: (Butyl Acetate = 1) Approximately due to water			
	Solubility in Water: Miscible		Appearance & Odor: Colored liquid, slight odor			
Section IV	Flash Point: (Method Used) Not determined		Flammable Limits: N/D		LEL: N/D UEL: N/D	
	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: 0
	Unusual Fire and Explosion Hazards:		None known			H: 1
					R: 1	
					S: N/D	

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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? Slight Skin? Yes Ingestion? Yes		
Health Hazards: (Acute & Chronic) May cause slight irritation by inhalation. May cause eye and skin irritation. Dyes are possible sensitizers, may cause allergic reaction. May be toxic by ingestion. Oral LD 50-2g/kg (rat) for typical dye. Disperse Blue 291 and Disperse Violet 1 may be mutagenic. No evidence of mutagenicity in humans (positive in bacterial studies).			
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed			
Signs & Symptoms of Exposure: Overexposure may cause redness and irritation of the eyes and skin. Sensitizer may cause allergic reaction.			
Medical Conditions Generally Aggravated By Exposure: May aggravate existing skin conditions .			
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: Remove 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.		
	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. Avoid open flame, spark or hot plate. Avoid eye and skin contact. DO NOT SWALLOW. Wash thoroughly after use. Keep container closed when not in use. Work in well-ventilated area. Eye washes and safety showers are strongly recommended. Danger. Tint solutions may boil-over and cause burns. Use protective gloves and other precautions.		
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: N/A
	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.			