

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 Diamond Dye™ 500/550. BPI Diamond Dye™ 540. BPI 600 Dye™.

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 Violet 1 (CAS#128-95-0) Disperse Blue 7 <i>All remaining dyes are trade secret. Other ingredients not listed are proprietary and are not known to be hazardous. Not all components are in all dye formulations.</i>		Not established Not established	Not established Not established		
Section III	Boiling Point: > 212° F		Specific Gravity: (H ₂ O=1) ~1		pH: 7-8	
	Vapor Pressure: (mm Hg.) Due to water		Melting Point: < 32° F			
	Vapor Density: (AIR=1) Due to water		Evaporation Rate: (Butyl Acetate =1)		Approximately water	
	Solubility in Water: Miscible		Appearance & Odor:		Colored liquid, slight odor	
Section IV	Flash Point: (Method Used) Not determined		Flammable Limits: No data		LEL: No data UEL: No data	
	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. LD50 ~ 2g/kg (rat) for typical dye. Disperse Violet 1 and Disperse Blue 7 may be mutagenic. Positive Ames Test.			
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed			
Note: Not listed as a regulated carcinogen. No evidence of human carcinogenicity			
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 immediately. Eye or skin contact: Flush exposed area well with water for at least 15 minutes. If irritation persists seek medical assistance. Ingestion: Seek immediate medical assistance.			
Section VII Precautions For Safe Handling And Use	Steps To Be Taken In Case Material Is Released Or Spilled: Avoid eye or skin contact. DO NOT SWALLOW. Wear impervious gloves (such as disposable latex) and splash-proof chemical goggles. Soak up spills with an inert absorbent material. Place in a closed container for proper 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 skin and eye contact. DO NOT SWALLOW. Keep container closed when not in use. Work in a well-ventilated area. Wash well after use. Eye washes and safety showers are strongly recommended.		
Section VIII Control Measures	Respiratory Protection: (Specify Type) See information specific to spills.		
	Ventilation:	Local Exhaust: Recommended	Special: Comply with local and state 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.			