

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: (1) BPI Acrylic Dyes Part A. (2) BPI Acrylic Dyes Part B. (3) BPI Polycarbonate Dyes Part A. (4) BPI Polycarbonate Dyes Part B.
(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 Specific Chemical Identity; Common Name (s)	Hazardous Components Specific Chemical Identity; Common Name (s)	OSHA PEL	ACGIH TLV	Other Limits	% Optional
	<p>Proprietary S D Alcohol</p> <p>Disperse Yellow 3(CAS#2832-40-8).</p> <p>Disperse Violet 1(CAS#128-95-0)</p> <p>Trade secret aromatic ester</p> <p>Trade secret surfactants</p> <p>SECTION 313 SUPPLIER NOTIFICATION This product contain the following toxic chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986(40 CFR 372):</p> <p>CAS # CHEMICAL NAME N/A Oxi-Alkalated Alcohol/Glycol Ethers</p> <p>Quantities in excess of 25,000 lb must be reported. This information should be included in all MSDS's that are copied and distributed for this material.</p> <p>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 See Section VI.</p>	<p>1000 ppm</p> <p>Not established</p> <p>Not established</p> <p>Not established</p> <p>Not established</p>	<p>1000 ppm</p> <p>Not established</p> <p>Not established</p> <p>Not established</p> <p>Not established</p>		15%
Section III Characteristics	Boiling Point: >212° F	Specific Gravity: (H ₂ O=1)	~1	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:	1 & 3: Colored liquid. 2: Slightly turbid solution.		
Section IV Fire and Explosion Hazard Data	Flash Point: (Method Used) 60° F for SD Alcohol TOC	Flammable Limits: For SD Alcohol	LEL: 3.2 % at 38°C	UEL: 29.7 % 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: O*
	Unusual Fire and Explosion Hazards:	*Part B contains < 6 % flammable solvents. Avoid spark or open flame as a precautionary measure. DO NOT USE HOT PLATE. Concentration to dryness may lead to dangerous build-up of explosive peroxides.			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. Propionaldehyde may be formed			
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 possible 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 Violet 1 may be mutagenic, positive Ames test. LD50 Dyes 2g/kg (Rat). LD50 SD Alcohol 6.2g/kg (Rat). LD50 Aromatic Ester 5.5g/kg (Rat).			
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed. OSHA Regulated? See note			
NOTE: Not regulated as a carcinogen. No evidence of human carcinogenicity.			
Signs & Symptoms of Exposure: Overexposure may cause redness and irritation of the eyes and skin. Sensitization may cause allergic reaction.			
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: 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. Wash thoroughly after use. Keep container closed when not in use. Work in well-ventilated area. Eye washes and safety showers are strongly 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: Not applicable
	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.			