

# 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 Crystal Clear™, BPI UV Diamond Dye™ 400nm, BPI UV Diamond Dye™ 400 XL, BPI UV Diamond Dye™ 400 Ultra-Hard, BPI UV-Only™, BPI UV-Only™ XL. BPI UV 400+ Plus™  
(As used on label and list)

<b>Section I</b>	<b>Manufacturer's Name:</b> Brain Power Incorporated (BPI)	<b>Emergency Telephone Number:</b> 305-264-4465			
	<b>Address:</b> 4470 SW 74th Avenue Miami, Florida 33155. USA.	<b>Telephone Number for Information:</b> 305-264-4465			
		<b>Date Prepared:</b> 1 May 2008			
<b>Section II</b> Specific Chemical Identity; Common Name (s)	<b>Hazardous Components</b> Specific Chemical Identity; Common Name (s)	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits</b>	<b>% Optional</b>
	Ultraviolet Dyes: Trade secret  Proprietary SD Alcohol  Trade secret surfactants  <i>All other ingredients not listed are proprietary and are not known to be hazardous. Not all components are in all UV dyes.</i>	5 mg/cu m. (If dry)  1000 ppm  Not established	5 mg/cu m. (If dry)  1000 ppm  Not established		
<b>Section III</b> Characteristics	<b>Boiling Point:</b> N/D	<b>Specific Gravity:</b> (H <sub>2</sub> O=1) N/D	<b>pH:</b> 5-7		
	<b>Vapor Pressure:</b> (mm Hg.) 100mm @ 29C For SD Alcohol	<b>Melting Point:</b> N/D			
	<b>Vapor Density:</b> (AIR=1) 1.6 For SD Alcohol	<b>Evaporation Rate:</b> (Butyl Acetate =1) 1.9 For SD Alcohol			
	<b>Solubility in Water:</b> Miscible	<b>Appearance &amp; Odor:</b> Clear supernatant liquid. Slight odor.			
<b>Section IV</b> Fire and Explosion Hazard Data	<b>Flash Point:</b> (Method Used) Not determined		<b>Flammable Limits:</b> For SD Alcohol <b>LEL:</b> 3.2% at 38° C <b>UEL:</b> 25.7% at 66° C		
	<b>Extinguishing Media:</b>	Water fog. Dry chemical. Foam. Carbon dioxide.			
	<b>Special Fire Fighting Procedures:</b>	Wear self-contained breathing apparatus with face-shield and protective clothing to avoid personal contact. Disconnect all ignitions sources.		<b>NFPA CODES</b>	<b>F:</b> 1*
	<b>Unusual Fire and Explosion Hazards:</b>	*This mixture contains < 12% flammable solvents. Avoid ignition sources, open flame, or hot plate as a precaution.			<b>H:</b> 2
				<b>R:</b> 1	
				<b>S:</b> N/D	

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**Identity:**

(As used on label and list)

BPI Crystal Clear™, BPI UV Diamond Dye™ 400nm, BPI UV Diamond Dye™ 400 XL, BPI UV-Only™, BPI UV-Only™ XL, BPI UV 400+ Plus™

<b>Section V</b> Reactivity Data	<b>Stability:</b>	<b>Unstable:</b> <input type="checkbox"/>	<b>Conditions to avoid:</b> Stable on storage under normal conditions. Avoid ignition sources.
		<b>Stable:</b> <input checked="" type="checkbox"/>	
	<b>Incompatibility:</b> (Materials to avoid)		Avoid oxidizing and reducing agents, strong acids and strong bases.
<b>Hazardous Decomposition or Byproducts</b>		Decomposing may produce oxides of carbon, nitrogen, and/or sulfur.	
<b>Section VI</b> Health Hazard Data	<b>Hazardous Polymerization:</b>	<b>May occur:</b> <input type="checkbox"/>	<b>Conditions to avoid:</b> None known
		<b>Will not occur:</b> <input checked="" type="checkbox"/>	
	<b>Route(s) Of Entry:</b> <b>Inhalation?</b> Yes <b>Skin?</b> Yes <b>Ingestion?</b> Yes		
<b>Health Hazards:</b> (Acute & Chronic)		Inhalation may lead to dizziness. Extreme overexposure by inhalation or ingestion may lead to liver damage, optic nerve damage or fatality. May cause eye or skin irritation. Dyes are sensitizers may cause allergic reaction. Oral LD50 1.2g/kg for UV dyes. Oral LD50 6.2 g/kg (rat) for SD Alcohol.	
<b>Carcinogenicity:</b> NTP? Not listed		<b>IARC Monographs?</b> Not listed	<b>OSHA Regulated?</b> Not listed
The components of this product are listed in the TSCA inventory			
<b>Signs &amp; Symptoms of Exposure:</b>		Eye and skin exposure may cause redness and irritation. May cause allergic reaction. Overexposure by inhalation or ingestion may lead to dizziness, loss of coordination, or severe gastric distress in extreme cases of overexposure.	
<b>Medical Conditions Generally Aggravated By Exposure:</b>		May aggravate existing skin or liver conditions. Hyperallergenic persons should exercise reasonable precautions.	
<b>Emergency &amp; First Aid Procedures:</b>		Inhalation: Move to fresh air. 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.	
<b>Section VII</b> Precautions For Safe Handling And Use	<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>		Disconnect all ignition sources,. 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.
	<b>Waste Disposal Method:</b>		Dispose of waste in accordance with all local, state, and federal regulations.
	<b>Precautions To Be Taken In Handling &amp; Storage:</b>		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. Danger. UV solutions may boil-over and cause burns. Use protective gloves and other precautions.
<b>Section VIII</b> Control Measures	<b>Respiratory Protection:</b> (Specify Type)		See information specific to spills.
	<b>Ventilation:</b>	<b>Local Exhaust:</b>	Recommended
		<b>Mechanical:</b> (General)	Acceptable
	<b>Special:</b>		Comply with local and state regulations
	<b>Other:</b>		Avoid ignition sources.
	<b>Protective Gloves:</b>		Strongly recommended
<b>Eye Protection:</b>		Strongly recommended	
<b>Other Protective Clothing Or Equipment:</b>		Protective lab coat recommended.	
<b>Work/Hygenic Practices:</b>		Avoid all personal contact. Wear appropriate safety equipment. Wash well after use.	