

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)

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 2012			
Section II Specific Chemical Identity; Common Name (s)	Hazardous Components Specific Chemical Identity; Common Name (s)	OSHA PEL	ACGIH TLV	Other Limits	% Optional
	Ultraviolet Dyes: Trade secret	5 mg/cu m. (If dry)	5 mg/cu m. (If dry)		
	Proprietary SD Alcohol	1000 ppm	1000 ppm		
	Trade secret surfactants	Not established	Not established		
	<i>All other ingredients not listed are proprietary and are not known to be hazardous. Not all components are in all UV dyes.</i>				
Section III Characteristics	Boiling Point: N/D	Specific Gravity: (H₂O=1) N/D	pH: 5-7		
	Vapor Pressure: (mm Hg.) 100mm @ 29C 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: Clear supernatant liquid. Slight odor.			
Section IV Fire and Explosion Hazard Data	Flash Point: (Method Used) Not determined		Flammable Limits: For SD Alcohol LEL: 3.2% at 38° C UEL: 25.7% at 66° C		
	Extinguishing Media:	Water fog. Dry chemical. Foam. Carbon dioxide.			
	Special Fire Fighting Procedures:	Wear self-contained breathing apparatus with face-shield and protective clothing to avoid personal contact. Disconnect all ignitions sources.		NFPA CODES	F: 1*
	Unusual Fire and Explosion Hazards:	*This mixture contains < 12% flammable solvents. Avoid ignition sources, open flame, or hot plate as a precaution.			H: 2
				R: 1	
				S: N/D	

The information contained herein is based on data believed by Brain Power Inc. to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendation or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents is the sole responsibility of the user. No significant environmental effects are known as formulated. As chemical use restrictions become more severe and product hazards are more thoroughly investigated, BPI will continue the effort to replace and/or avoid the use of hazardous materials. Where they are known and as more materials are added to the hazardous lists we will continue to work diligently to replace them. All data and information provided as of this date of preparation as per form OSHA "Right to know" Regulation 29 CFR 1910.1200 is done in good faith without warranty of accuracy or completeness. Conditions of use are often beyond our control and BPI disclaims liability for hazards connected with the use, mishandling or abuse of this material. BPI further offers no warranty of the results obtained through the use of this product. This information is provided solely for your consideration and evaluation. © 1994-2001. Brain Power Inc. BPI and all specific product names mentioned herein are trademarks of Brain Power Incorporated. Miami, Florida. BPI is a registered trademark with the US Patent Office and with similar offices in other countries.

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™

Section V Reactivity Data	Stability:	Unstable: <input type="checkbox"/>	Conditions to avoid: Stable on storage under normal conditions. Avoid ignition sources.	
		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.			
Hazardous Polymerization:	May occur: <input type="checkbox"/>	Conditions to avoid: None known		
	Will not occur: <input checked="" type="checkbox"/>			
Section VI Health Hazard Data	Route(s) Of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes			
	Health Hazards: (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.		
	Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed	The components of this product are listed in the TSCA inventory		
	Signs & Symptoms of Exposure:	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.		
	Medical Conditions Generally Aggravated By Exposure:	May aggravate existing skin or liver conditions. Hyperallergenic persons should exercise reasonable precautions.		
	Emergency & First Aid Procedures:	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.		
	Steps To Be Taken In Case Material Is Released Or Spilled:	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.		
Section VII Precautions For Safe Handling And Use	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. Danger. UV solutions may boil-over and cause burns. Use protective gloves and other precautions.		
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: 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.			