

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 Mark-Off for Polycarbonate™

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												
Section II Specific Chemical Identity; Common Name (s)	<p><i>Any hazards involved with these materials are delineated in this MSDS form.</i></p> <p>SECTION 313 SUPPLIER NOTIFICATION <i>This product contains 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):</i></p> <table border="0"> <tr> <td>CAS #</td> <td>CHEMICAL NAME</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>N/A</td> <td>Glycol Ethers</td> <td></td> <td></td> <td></td> <td>75%</td> </tr> </table> <p><i>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.</i></p> <p>S.D. Alcohol</p> <p>All remaining materials are trade secret</p>	CAS #	CHEMICAL NAME					N/A	Glycol Ethers				75%				
CAS #	CHEMICAL NAME																
N/A	Glycol Ethers				75%												
		1000 ppm	1000 ppm		20%												

Section III Characteristics	Boiling Point: N/D	Specific Gravity: (H ₂ O=1) N/D	pH: N/A
	Vapor Pressure: (mm Hg.) N/D	Melting Point: N/D	
	Vapor Density: (AIR=1) N/D	Evaporation Rate: (Butyl Acetate =1) N/D	
	Solubility in Water: Slight	Appearance & Odor: Colorless liquid. Strong odor.	

Section IV Fire and Explosion Hazard Data	Flash Point: (Method Used) N/D	Flammable Limits: for SD Alcohol	LEL: 3.2% @38°C	UEL: 25.7% @ 66°C
	Extinguishing Media: Dry chemical. Foam. Carbon dioxide. Water spray.			
	Special Fire Fighting Procedures: Wear self-contained breathing apparatus with face-shield and protective clothing to avoid personal contact.	NFPA CODES	F: 2	H: 2
	Unusual Fire and Explosion Hazards: Avoid ignition sources such as spark, open flame, or hot plate. Concentration to dryness may lead to dangerous build-up of explosive peroxides. Proprietary inhibitor has been added which greatly reduces peroxide build-up. Contains 20% S.D. Alcohol.		R: 0	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 of ten 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.

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 (As used on label and list)

Section V Reactivity Data	Stability:	Unstable: <input type="checkbox"/>	Conditions to avoid: Stable on storage under normal conditions. Avoid hot plate or open flame. DO NOT CONCENTRATE to dryness. May form peroxides on long term storage.	
		Stable: <input checked="" type="checkbox"/>		
	Incompatibility: (Materials to avoid) Avoid oxidizing agents, strong acids and strong bases.			
Hazardous Decomposition or Byproducts Decomposing may produce oxides of carbon.				
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? Slight Ingestion? Yes			
Health Hazards: (Acute & Chronic)		Inhalation may lead to dizziness. Extreme over exposure by inhalation or ingestion may cause liver damage, optical nerve damage or fatality. May cause irritation on overexposure by inhalation, eye or skin contact. Ingestion may cause irritation of the gastro-intestinal tract. Oral LD-50 (male rat) 4674 mg/kg.		
Carcinogenicity: NTP? Not listed IARC Monographs? Not listed OSHA Regulated? Not listed				
Signs & Symptoms of Exposure:		Overexposure may lead to redness and irritation of the eyes and skin. Ingestion may cause gastric disturbance. Extreme over exposure by inhalation or ingestion may lead to dizziness or loss of coordination.		
Medical Conditions Generally Aggravated By Exposure:		May aggravate existing skin, liver or eye conditions.		
Emergency & First Aid Procedures:		Inhalation: Move to fresh air. Seek medical attention if symptoms persist. 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:		Disconnect all ignition sources. Avoid eye or skin contact. DO NOT INHALE OR 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:		Avoid personal contact. DO NOT SWALLOW. Do not concentrate to dryness. Use only in well-ventilated areas. Do not use hot plate or flame. Use only with appropriate equipment. Avoid all ignition sources. Eye washes and safety showers are strongly recommended. Close container when not in use. Wash well after use. If peroxide formation is suspected, do not open or move container. Keep container closed and store away from heat and light.	
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.		