

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 830/2015

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 4 November, 2016

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier(s): **BPI Frame Gard™**

Product code: 51000.

1.2 Relevant Identified Uses of the substance or mixture and uses advised against:

Use: To seal and protect eyeglass frames.

Uses advised against: No data

1.3 Details of the supplier of the safety data sheet:

Brain Power Inc.; 4470 S.W. 74th Ave.; Miami, Florida ; USA 33155.

1.4 Emergency Telephone Number:

Telephone: 0013052644465 Fax: 0013052641467

Information department: 001 305 264 4465

Emergency contact: 001 305 264 4465 (x364)

2. Hazards identification

2.1 Classification of the substance or mixture according to Regulation EC 1272/2008 (CLP):

This product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).

2.2 GHS Label elements (EC) 1272/2008:

Pictogram(s): None

Signal Word: None

Contains: 1-(2-butoxy-1-methylethoxy)propan-2-ol

Hazard Statement(s): None

Precautionary Statement(s): Avoid breathing spray. Wash thoroughly after handling. Wear protective gloves and eye protection. If swallowed, call a poison center or physician if you feel unwell. If on skin: wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice. If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical advice. Dispose of contents/container in accordance with local / national / international regulations.

2.3 May cause serious eye irritation. May cause skin irritation.

3. Composition / information on ingredients

3.1 Substance:

Chemical name:

CAS-Reg.No:

EC-No:

EINECS-No:

Further information:

3.2 Mixture:

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 830/2015

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 4 November, 2016

Description: Mix of waterbased polyurethanes and solvents.

Chemical name: 1-(2-butoxy-1-methylethoxy)propan-2-ol

Synonym: None known

CAS-Reg.No: 29911-28-2

EC-No: 249-951-5

EINECS-No:

Hazards: Eye Irrit. 2 (H319).

Concentration: less than 10%

Ingredients at concentrations not known to be hazardous:

Content: 100%

Further information: All ingredients not at concentrations known to be hazardous.

4. First-aid measures

4.1 Description of first aid measures

General Advice : Consult a physician. Show this safety data sheet to the doctor. If exposed or concerned, get medical advice/attention (P308+P313).

Inhalation : Move to fresh air.

Skin contact : If on skin: wash with plenty of soap and water (P302+P352). Flush exposed area well with water for at least 15 minutes. If skin irritation occurs: get medical advice (P333+P313).

Eye contact : If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing (P305+P351+P338). If eye irritation persists, get medical advice. (P337+P313).

Ingestion : If swallowed, call a poison center or physician if you feel unwell (P301+P312). Show the container, safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2 and/or section 11).

4.3 Indications of any immediate medical attention and special treatment needed

See section 2.2 .

5. Fire-fighting measures

5.1 Extinguishing media: Water fog, dry chemical, carbon dioxide, foam.

Unsuitable extinguishing media: No data

5.2 Special hazards arising from the substance or mixture:

May cause serious eye irritation. Decomposes to give oxides of carbon.

5.3 Advice for fire-fighters: Wear self-contained breathing apparatus with protective clothing to avoid personal contact.

6. Accidental release measures

6.1 Personal precautions, protective

equipment and emergency procedures : Avoid skin contact. Do not swallow. Wear impervious gloves (such as disposable latex) and splash proof chemical goggles. For major spills wear a NIOSH or CEN approved respirator. Wash thoroughly after handling.

6.2 Environmental precautions : Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal .

6.3 Methods for cleaning up : Soak up all spills with inert absorbent material. Place in closed container for proper waste disposal

6.4 Reference to other sections : See Section 4 and 5.2

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 830/2015

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 4 November, 2016

7. Handling and storage

- 7.1 Precautions for Safe Handling: Wear eye protection (P 280). Wash thoroughly after handling (P264). Avoid eye and skin contact.
- 7.2 Conditions for Safe Storage: Stable on storage under normal conditions. Avoid strong oxidizing and reducing agents, strong acids and strong bases. Do not store near heat or flames.
- 7.3 Specific End Use: To seal and protect eyeglass frames.
-

8. Exposure controls and personal protection

- 8.1 Control parameters: Contains no substances at concentrations with exposure limit values.
- 8.2 Exposure control: Handle in accordance with good industrial hygiene and safety practices. Avoid all personal contact. Wear appropriate safety equipment. Wash hands before breaks and at the end of workday.
- Personal protective equipment :
- Respiratory protection : Where risk assessment shows air purifying respirators are appropriate, use a NIOSH or CEN approved respirator for organic chemicals. Ventilation: Local mechanical exhaust is recommended.
- Hand protection : Wear suitable impervious gloves (such as disposable latex).
- Eye / face protection : Wear eye protection (P280). Chemical resistant safety goggles are strongly recommended.
- Skin protection : Protective lab coat recommended. Wear suitable protective clothing and gloves.
-

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Colour: Slightly turbid liquid

Odour: Slight odor

Changes in physical state

Boiling point/Boiling range (°C) : > 100° C

Melting point (°C) : < 0° C

Freezing temperature (°C) : < 0° C

Flash point (°C) : >93° C

Ignition temperature (°C) : no data

Autoignition : no data

Explosion hazard : None known

Explosion limits (Vol.-%) : lower: n/a upper: n/a

Vapour pressure (mbar) : no data

Vapor density (g/cm³) : no data

Bulk density (kg/m³) : ~1000

Solubility in water : Miscible

Solubility in other solvents : no data

pH-value : no data

Viscosity : no data available

9.2 Other safety information : VOC 267 gm/L

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 830/2015

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 4 November, 2016

10. Stability and reactivity

10.1 Reactivity	:	Hazardous polymerization will not occur.
10.2 Chemical Stability	:	Stable on storage under normal conditions.
10.3 Possibility of Hazardous Reactions	:	None Known
10.4 Conditions to avoid	:	Fire, burning.
10.5 Incompatible materials	:	Avoid strong oxidizing and reducing agents, strong acids and strong bases..
10.6 Hazardous decomposition products	:	Decomposes to give oxides of carbon.

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity: No Data

Specific symptoms in animal experiments: LD50 Oral – Rat 4,000 mg/kg for 1-(2-butoxy-1-methylethoxy)propan-2-ol component.

Irritation effects: May cause slight irritation by inhalation. May cause eye and skin irritation. If eye irritation persists, get medical advice. (P337+P313). If skin irritation or rash occurs: get medical advice (P333+P313).

Sensitization: Overexposure may cause redness and irritation.

Subacute to chronic toxicity: No data.

Carcinogenicity, mutagenicity, teratogenicity:

NTP? No

IARC Monographs? No.

OSHA Regulated? No

11.2 Other information: Overexposure may cause redness and irritation.

12. Ecological Information

12.1 Toxicity: LC50 - other fish - 841 mg/l - 96 hr

12.2 Persistence and Degradability: no data available

12.3 Bioaccumulative Potential: no data available

12.4 Mobility in Soil: no data available

12.5 Results of PBT and vPvP Assessment: no data available

12.6 Other Adverse Effects : no data available

13. Disposal considerations

13.1 Waste Treatment Methods: Dispose of contents/container in accordance with Local / national / international regulations (P501).

14. Transport Information

14.1 UN Number: None.

14.2 UN Proper Shipping Name: None.

14.3 Transport Hazard Class(es): None.

14.4 Packing Group: None.

14.5 Environmental Hazards: None.

14.6 Special precautions for user: None other than listed in sections 7 and 8.

14.7 Transport in bulk according to Annex II of Marpol and

Brain Power Inc.

Safety Data Sheet according to EC 1907/2006, 1272/2008, 830/2015

OSHA Hazard Communication Standard 29 CFR 1910.1200. GHS Rev

Date of Issue: 4 November, 2016

the IBC Code: Not regulated goods.

14.8 Information for each of the

UN Model Regulations: None.

IMDG/IMO: Not regulated goods

ADR: Not regulated goods

Air transport

ICAO/IATA-DGR Class: UN/ID-No.: none PG:

Technical name of material:

Remarks: Not regulated for transport by air.

Additional information: (US) DOT: Not dangerous goods

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture:
EC 1907/2006, 1272/2008, 830/2015

15.2 Chemical Safety Assessment : No components at hazardous levels.
Contains: 1-(2-butoxy-1-methylethoxy)propan-2-ol (CAS-Reg.No:
29911-28-2; EC-No: 249-951-5)
Concentration: less than 10%

Hazard statement: See section 2

Precautions: See section 2

15.3 Additional information:

TSCA listed ingredients. EC listed ingredients.

The following components are subject to reporting levels established by SARA Title III section 313:
None.

This product contains no chemical known to the State of California to cause cancer.

16. Other Information

NFPA Codes: H: 1; F: 0; R: 0.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. The safety data sheet only describes the products in aspect to their safety requirements. Recipients of our product must take responsibility for observing existing laws and regulations.