

SAFETY DATA SHEET

Section 1 - Chemical Product and Company Information

Product Name: BRILLIANT BLUE Product Code: GPCX-1210

Manufactured By:

General Color, LLC
350 Bridge Street
Minerva, OH 44657

Emergency Phone: 330-868-4161

Section 2 - Hazards Identification

GHS Ratings:

There are no GHS ratings that apply to this product at this time

GHS Hazards

There are no GHS hazards that apply to this product at this time

GHS Precautions

P281 Use personal protective equipment as required
P501 Dispose of contents/container in accordance with Federal, State & Local regulations.

Section 3 - Composition Information on Ingredients

| Chemical Name | CAS number | Weight Concentration % |
|------------------|------------|------------------------|
| Polyethylene | 9002-88-4 | |
| Titanium dioxide | 13463-67-7 | |

Section 4 - First Aid Measures

Inhalation - If symptoms are experienced, move victim to fresh air.

Eye Contact - Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin Contact - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water to cool the affected tissue and polymer. Do not attempt to peel polymer from skin.

Ingestion - Adverse health effects due to ingestion are not anticipated.

Notes to Physician: Treat symptomatically.

Section 5 - Fire Fighting Measures

Flash Point: NO DATA AVAILABLE

LEL: N/A

UEL: N/A

Flammable Limits: N/A

Extinguishing Media: Use carbon dioxide (CO2), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

Unusual Fire or Explosion Hazards: No specific fire or explosion hazard.

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide, Monomer Fragments

Fire Fighting: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

Fire Fighting Equipment: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Sweep or vacuum up spill and place in drums for recovery or disposal.

Dispose of the waste in compliance with all Federal, State, Regional, and Local regulations.

Section 7 - Handling and Storage

Handling Precautions: Keep material off walking surfaces, it may create a slipping hazard. Use in well ventilated area. Control spilled material to prevent runoff to the sewers and the environment.

Storage Requirements: Protect containers against physical damage, store in dry area away from feed and food products. Keep containers sealed to avoid contamination.

Regulatory Requirements: No data found.

Section 8 - Exposure Controls / Personal Protection

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|--------------------------------|---------------------------------------|--------------------------|--|
| Polyethylene 9002-88-4 | Not Established | Not Established | Not Established |
| Titanium dioxide 13463-67-7 | 15 mg/m ³ TWA (total dust) | 10 mg/m ³ TWA | NIOSH: 2.4 mg/m ³ TWA (CIB 63, fine); 0.3 mg/m ³ TWA (CIB 63, ultrafine, including engineered nanoscale) |

Engineering Controls: Ensure adequate ventilation.

Ventilation: Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits.

Administrative Controls: No data found.

Protective Gloves: Wear Protective Gloves.

Eye Protection: Wear Eye Protection.

Contaminated Equipment: Dispose of the waste in compliance with all Federal, State, Regional and Local regulations.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

| | |
|--------------------------|---------------------|
| Appearance: Color | Odor: Slight |
|--------------------------|---------------------|

| | |
|--|--|
| Vapor Pressure: N/A Vapor Density: N/A Specific Gravity: 1.27 Freezing point: Not Available Boiling range: N/A Evaporation rate: Not Available Explosive Limits: N/A Autoignition temperature: 349°C Viscosity: Not Available | Odor threshold: Not Available pH: Not Available Melting point: Not Available Solubility: Not Available Flash point: NO DATA AVAILABLE Flammability: Not Available Partition coefficient (n- Not Available octanol/water): Decomposition temperature: Not Available Lbs VOC/Gallon Less Water 0.00 |
|--|--|

Section 10 - Stability and Reactivity

Stability:
UNSTABLE

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 572mg/L

Component Toxicity

- 9002-88-4 Polyethylene
Oral LD50: 8 g/kg (Rat)
- 13463-67-7 Titanium dioxide
Inhalation LC50: 5 mg/L (Rat)

Specific Target Organ Toxicity: No specific data.

Respiratory System

Effects of Overexposure

Carcinogenicity: Not classified.

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|---|
| 13463-67-7 | Titanium dioxide | 0.9% | Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed |

Acute Toxicity: Not classified
No known significant effects or critical hazards.
Short Term Exposure Immediate or Delayed Effects: No specific data.
Long Term Exposure Immediate or Delayed Effects: No specific data.

Section 12 - Ecological Information

Ecological Information: No additional information available

Component Ecotoxicity


Section 13 - Disposal Considerations

Disposal must be made in accordance with Federal, State, and Local regulations.

Section 14 - Transport Information

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| DOT | NOT REGULATED | NONE | NONE | NONE |

Section 15 - Regulatory Information

 **WARNING:** This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| <u>Country</u> | <u>Regulation</u> | <u>All Components Listed as Active</u> |
|----------------|-------------------|--|
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Section 16 - Other Information

For Manufacturing Use Only.

This information is believed to be accurate at the time of preparation; however it is not guaranteed to be so and no liability is assumed by General Color, LLC regarding its use.

Reviewer Revision

Date Prepared: 6/8/2023