

# SAFETY DATA SHEET



REVISION DATE: AUG. 22, 2017

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name:** BRIGHT BLUE  
**Product Code:** PC-2194-P  
**Chemical Name:** Unsaturated Polyester Resin Pigment

### Relevant identified uses of the substance or mixture and restrictions on use

**Recommended use** Industrial colouring applications  
**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

**Manufacturer:** Vengar Colours & Coatings Inc.  
#106, 12940 - 80th Avenue  
Surrey, BC, Canada, V3W 3B2  
Tel: 604-501-4872, Fax: 604-501-4873  
Email: vengar@telus.net  
**Emergency telephone number** +1 613-996-6666 (CANUTEC) 24 hours, 7 days a week

## 2. HAZARD(S) IDENTIFICATION

**GHS Classification** This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**GHS label elements** This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

**Other Hazards** None known.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance/mixture** Mixture

**Other means of identification** Unsaturated Polyester Resin Pigment

Ingredient Name	Product Identifier	%	GHS Classification
Resin mixture	Not Available	60 - 65	Not Hazardous
Titanium Dioxide	13463-67-7	5.10	Not Hazardous
C.I. Pigment Blue 29	57455-37-5	22.96	Not Hazardous
Pigment Blue 15:3	147-14-8	6.20	Not Hazardous

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Any concentration shown as exact is based on formula.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

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## 4. FIRST AID MEASURES

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### General advice

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	If breathed in, move person into fresh air. If unconscious place in recovery position and seek medical attention. If symptoms persist, get medical attention.
Ingestion	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact	Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation occurs.

### Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

Eye contact	Causes eye irritation.
Inhalation	May be harmful if inhaled.
Ingestion	Irritation in mouth, throat and stomach.
Skin contact	May cause skin irritation.

#### Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.

See toxicological information (Section 11)

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## 5. FIRE-FIGHTING MEASURES

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<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, Foam, Carbon Dioxide CO <sub>2</sub> , Dry chemical.
<b>Specific hazards during fire-fighting</b>	Do not allow run-off from fire-fighting to enter drains or water courses.
<b>Hazardous combustion products</b>	No hazardous combustion products are known.
<b>Specific extinguishing methods</b>	Product is compatible with standard fire-fighting agents.
<b>Further information</b>	Standard procedure for chemical fires.
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions, protective equipment and emergency procedure</b>	Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
<b>Environmental precautions</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
<b>Methods and materials for containment and cleaning up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed container for disposal. Dispose contaminated material as waste according to Section 13.
<b>Other information</b>	Comply with all applicable federal, state, and local regulations.

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## 7. HANDLING AND STORAGE

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<b>Precautions for safe handling</b>	Smoking, eating and drinking should be prohibited in the application area. For personal protection see Section 8.
<b>Conditions for safe storage</b>	Electrical installations / working materials must comply with the technological safety standards.
<b>Materials to avoid</b>	No materials to be especially mentioned.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Workplace Control parameters

<b><u>Engineering measures</u></b>	General room ventilation should be adequate for normal conditions
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of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and / or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

#### Personal protective equipment

Respiratory protection	No personal respiratory protective equipment normally required.
Eye protection	Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.
Skin and body protection	Wear protective clothing, safety shoes and chemical resistant Gloves.
Hygiene measures	General industrial hygiene practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Various colours
Colour	Various colours
Odour	Slight odour
Odour Threshold	Not Available
pH	Not Available
Melting Point	Not Available
Freezing Point	Not Available
Solidification Point	Not Available
Boiling Point	145.2°C (293.4°F)
Flash Point	>93.34°C (>200.01°F)
Evaporation Rate	> 1(Ethyl Ether (anhydrous) =1)
Flammability (Solid/Gas)	Not Available
Upper Explosive Limit	Not Available
Lower Explosive Limit	Not Available
Vapor Pressure	Not Available
Vapor Density	>1 (AIR=1)
Relative Density	2.1 to 3.0
Water Solubility	Insoluble
Solubility in Other Solvents	Not Available
Partition Coefficient	Not Available
Auto ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity, Kinematic	Not Available
Viscosity, Dynamic	Not Available
Explosive Properties	Not Available
Oxidizing Properties	Not Available

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## 10. STABILITY AND REACTIVITY

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Reactivity	No decomposition if stored and applied as directed.
Chemical stability	This product is stable at normal handling and storage conditions.

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<b>Possibility of hazardous reactions</b>	<b>Product will not undergo hazardous polymerization.</b>
<b>Conditions to avoid</b>	<b>None known.</b>
<b>Incompatible materials</b>	<b>Reactive or incompatible with strong oxidizing materials.</b>
<b>Hazardous decomposition products</b>	<b>No hazardous decomposition product are known.</b>

## **11. TOXICOLOGICAL INFORMATION**

### **Information on toxicological effects**

<b>Information on likely routes of exposure</b>	<b>Inhalation, skin contact, eye contact, ingestion.</b>
<b>Acute toxicity</b>	<b>Not classified based on available information.</b>
<b>Skin corrosion / irritation</b>	<b>Not classified based on available information.</b>
<b>Serious eye irritation / injury</b>	<b>Unlikely to cause eye irritation or injury.</b>
<b>Respiratory or skin sensitization</b>	<b>Not classified based on available information.</b>
<b>Germ cell mutagenicity</b>	<b>Not classified based on available information.</b>
<b>Carcinogenicity</b>	<b>Not classified based on available information.</b>
<b>Reproductive toxicity</b>	<b>Not classified based on available information.</b>
<b>STOT – single exposure</b>	<b>Not classified based on available information.</b>
<b>STOT – repeated exposure</b>	<b>Not classified based on available information.</b>
<b>Aspiration toxicity</b>	<b>Not classified based on available information.</b>
<b>Further information</b>	<b>No data available.</b>

### **Carcinogenicity**

<b>IARC</b>	<b>No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</b>
<b>OSHA</b>	<b>No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.</b>
<b>NTP</b>	<b>No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.</b>

## **12. ECOLOGICAL INFORMATION**

### **Toxicity**

<b>Ecotoxicity</b>	<b>No data available.</b>
<b>Persistence and degradability</b>	<b>No data available.</b>
<b>Bioaccumulative potential</b>	<b>No data available.</b>

Mobility in soil	No data available.
Other adverse effects	No data available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal methods** Disposal of this product, solutions and any by-products should at all times comply with all applicable local, state and federal requirements of environmental protection and waste disposal legislation. Disposal of surplus and non-recyclable products via a licensed waste disposal contractor.

### 14. TRANSPORT INFORMATION

Transport Canada – Road	Not dangerous goods.
Transport Canada – Rail	Not dangerous goods.
Transport Canada – Inland Waterways	Not dangerous goods.
U.S. DOT – Road	Not dangerous goods.
U.S. DOT – Rail	Not dangerous goods.
U.S. DOT – Inland Waterways	Not dangerous goods.
International Maritime Dangerous Goods	Not dangerous goods.
International Air Transport Association – Cargo	Not dangerous goods.
International Air Transport Association – Passenger	Not dangerous goods.

### 15. REGULATORY INFORMATION

#### CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHIMIS Hazard Class: Not Regulated.

#### US Federal regulations

SARA 311/312 Hazards No SARA Hazards

SARA 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (DE Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

#### International Inventories

Canadian Inventory Status: All components of this material are listed on the Canadian Domestic Substance List (DSL).

TSCA Inventory Status: All components of this material are listed on the US Toxic Substances Control Act (TSCA) Inventory.

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## 16. OTHER INFORMATION

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### Hazardous Material Information System (USA)

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High/Serious, 4 = Extreme, \* = Chronic

### National Fire Protection Association (USA)



### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified.

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