

# MATERIAL SAFETY DATA SHEET

## BLUE MASTERBATCH PMS 2955C

### 1. Product and Company Identification

**Product Code:** BLUE MASTERBATCH PMS 2955C  
**Customer Product Code:** N/A  
**Product description:** Color concentrate (masterbatch) for polyolefin resin  
**Distributor:** Stobec Inc.  
1050 Industry Blvd., St-Jérôme, QC, J7Y 4B9, Canada  
**MSDS effective date:** April 10, 2019  
**Emergency phone number:** 1-450-240-5550  
**Technical information number:** 1-450-240-5550

### 2. Composition/ Information on Ingredients

The product is an inert material under normal usage. All ingredients are encapsulated in polymer.

**Carrier Resin:** LLDPE  
**CAS Number Carrier Resin:** 9002-88-4  
**Percent by weight of carrier resin:** < 56 %  
**Percent by weight other ingredients:**

Organic Colorant:	< 13 %
Inorganic Colorant:	< 25 %
Carbon Black FDA Approved:	< 1 %
Processing aid and additives:	< 9 %

### 3. Hazards Identification

**Physical State and Appearance:** Solid, colored pellets  
**Emergency Overview:** Irritating vapors to respiratory system and eyes may form when product is processed at high temperature. Molten or heated material in skin contact can cause severe burns  
**Routes of Entry:** For Hot Material: Skin contact, Eye contact, Inhalation.  
**Potential Chronic Health Effects:** Product form makes chronic effects unlikely.  
**Potential Acute Health Effects:**

**Eyes:** This product is not known to cause eye irritation. However, as with any chemical, some individuals may experience eye irritation upon contact.  
**Heated Product:** Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eyes.

**Skin:** No known acute effects of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.  
**Heated Product:** skin contact can cause serious thermal burns.

**Inhalation:** Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract.  
**Heated Product:** Irritating vapors may form when the product is processed at high temperatures.

**Ingestion:** No effects are expected for ingestion of small amounts.

#### 4. First Aid Measures

<b>Inhalation:</b>	If exposed to fumes from overheating, move to fresh air. If symptoms persist get medical attention.
<b>Skin Contact:</b>	No known effects for contact with the product in pellet form. <b>Heated Product:</b> Cool rapidly with cold water. Do not attempt to peel the material from skin. For serious burns, get medical attention.
<b>Eye Contact:</b>	In case of contact with fumes, immediately flush with lukewarm water for a minimum of 5 minutes. Get medical attention if irritated.
<b>Ingestion:</b>	Do not induce vomiting. Have patient drink water. Get immediate attention or contact a poison control center if symptoms occur after contact with fumes.

#### 5. Fire Fighting Measures

<b>Flammability:</b>	May be combustible at high temperatures.
<b>Auto-ignition temperature:</b>	Not available.
<b>Flash point:</b>	Not available.
<b>Flammability limit:</b>	Not available.
<b>Hazardous combustion products:</b>	Smoke and noxious gases carbon monoxide and carbon dioxide evolved upon burning.
<b>Extinguishing media:</b>	Use carbon dioxide foam, dry chemical and water fog. Cool water spray may be used to flush spills away from exposure. Prevent run off from fire control or dilution from entering streams, sewers, or drinking water supply.
<b>Special protective equipment:</b>	For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

#### 6. Accidental Release Measures

<b>Spill or release:</b>	Pellets on the floor could present a serious slipping problem. Clean up by vacuuming or sweeping to prevent falls.
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#### 7. Handling and Storage

<b>Handling:</b>	Handling of plastic may form nuisance dust. Protect personnel. Keep containers closed. Handle in well-ventilated areas. Eating and drinking should be prohibited in areas of storage and use.
<b>Storage:</b>	Keep container dry at temperature between -10°C and + 40°C. Ground all equipment containing material. Combustible materials should be stored away from extreme heat or strong oxidizing agents, strong acids, and bases.

## 8. Exposure Controls/ Personal Protection

<b>Eye:</b>	Safety goggles are recommended to prevent particulate matter from entering the eyes.
<b>Skin:</b>	Heat resistant gloves must be used by the personnel coming in contact with the heated material. Long sleeve cotton shirt and long pants if handling molten polymer.
<b>Ventilation:</b>	Local exhaust at processing equipment is recommended to control exposure to dust and gases.
<b>Respirator:</b>	None if ventilation is adequate.
<b>Hygienic practices:</b>	Wash hands after handling compounds and before eating, using tobacco products or using the washroom. Tobacco and food should be consumed in designated areas only.

## 9. Physical and Chemical Properties

<b>Physical state:</b>	Solid
<b>Color, Shape and Odor:</b>	Blue pellets, faint specific odor
<b>Specific gravity (water=1):</b>	1.20 – 1.30
<b>Volatile content (%):</b>	< 1 %
<b>Melting point carrier resin:</b>	115 <sup>0</sup> C -130 <sup>0</sup> C (239 F - 266 F)
<b>Solubility in water:</b>	Negligible

## 10. Stability and Reactivity

<b>Stability at room temperature:</b>	The product is stable under recommended storage and handling conditions (see Section 7).
<b>Conditions of instability:</b>	Avoid exposure to temperatures above 290 <sup>0</sup> C / 555 <sup>0</sup> F
<b>Incompatibility with other chemicals:</b>	Avoid contact with strong acids or oxidizing agents.
<b>Hazardous decompositions products:</b>	Carbon monoxide, carbon dioxide.
<b>Hazardous polymerization:</b>	No

## 11. Toxicological Information

<b>Route of Exposure:</b>	Inhalation.
<b>Effect of Short-Term (acute) Exposure:</b>	No effect or irritation on skin. No effect for eyes except as foreign object causing discomfort. Inhalation of dust may cause slight irritations of the upper respiratory tract
<b>Effect of Long-Term (chronic) Exposure:</b>	A very small risk of inhalation of the dust, over a certain period of time, may affect the lungs.
<b>Exposure Limits:</b>	No data available for the product.
<b>Sensitization to Material:</b>	N/Av
<b>Carcinogenicity:</b>	No data for the product. Carbon black is listed by IARC or/and ACGIH as a carcinogenic.
<b>Teratogenicity:</b>	Mutagenicity and other reproductive effects: N/Av for the product. Carbon black may have mutagenic effects.
<b>Toxicologically Synergistic Materials:</b>	N/Av

## 12. Ecological information

**Aquatic toxicity:** Toxicity is expected to be low based on insolubility of polymer in water.

## 13. Disposal Considerations

**Spill or Release:** Clean up by vacuuming or wet sweeping to minimize dust exposure.

**Waste disposal:** In compliance with federal, state and local regulations.

## 14. Transport Information

**Transportation:** Avoid conditions listed in Section 7.

**DOT Class.:** Not regulated

**TDG Class.:** Not regulated

**IMDG Class.:** Not regulated

**IATA-DGR.:** Not regulated

**UN Number:** Not regulated

## 15. Regulatory Information

**WHMIS:** No components controlled under WHMIS

**Canadian EPA DSL:** Components listed

**EINECS** Not available

**HCS Classification:** No components controlled under the HCS (United States).

## 16. Other information

**Hazardous Material Information System** Health: 0; Fire Hazard: 1; Reactivity: 0; Personal Protection: B

While the information contained is believed to be reliable as of the date of issue, such information is nonetheless of a general nature. The material described can be hazardous if not handled, stored and processed properly. Stobec must rely upon the user to use the information supply herein, together with all other appropriate information from other sources, to develop appropriate work practices. All statements and suggestions are made without warranty, express or implied, regarding the completeness or accuracy of the information connected with the use of the material. In addition Stobec Inc. must rely upon the user to exercise precautions integral to fabricating operations, for example, without limiting the generality of the foregoing, avoid cross-contamination of different resins and exercising care in the selection and use of additives, materials and products not supplied by Stobec Inc. The information contained in this MSDS is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of this product and it does not constitute a guarantee of technical performance or suitability for particular application.