

# SAFETY DATA SHEET

## Section 1 - Chemical Product and Company Information

Product Name: MERLOT Product Code: GPCX-6850

### 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 %
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	
Polyethylene	9002-88-4	
Titanium dioxide	13463-67-7	
Carbon black	1333-86-4	

## 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 (CO<sub>2</sub>), "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
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> ) 1309-37-1	10 mg/m <sup>3</sup> TWA (fume); 15 mg/m <sup>3</sup> TWA (total dust, listed under Rouge); 5 mg/m <sup>3</sup> TWA (respirable fraction, listed under Rouge)	5 mg/m <sup>3</sup> TWA (respirable particulate matter)	NIOSH: 5 mg/m <sup>3</sup> TWA (dust and fume, as Fe)
Polyethylene 9002-88-4	Not Established	Not Established	Not Established
Titanium dioxide 13463-67-7	15 mg/m <sup>3</sup> TWA (total dust)	10 mg/m <sup>3</sup> TWA	NIOSH: 2.4 mg/m <sup>3</sup> TWA (CIB 63, fine); 0.3 mg/m <sup>3</sup> TWA (CIB 63, ultrafine, including engineered nanoscale)
Carbon black 1333-86-4	3.5 mg/m <sup>3</sup> TWA	3 mg/m <sup>3</sup> TWA (inhalable particulate matter)	NIOSH: 3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)

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:

<b>Appearance</b> Pellets <b>Physical State</b> Pellets <b>% Volume Volatile</b> 0.00 <b>Lbs VOC/Gallon Less Water</b> 0.00	<b>Odor</b> Slight <b>Boiling Range</b> 2500 to 3000 °C <b>Specific Gravity (SG)</b> 2.128
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**Section 10 - Stability and Reactivity**

Stability:

UNSTABLE

Hazardous polymerization will not occur.

**Section 11 - Toxicological Information**

**Mixture Toxicity**

**Component Toxicity**

9002-88-4	Polyethylene Oral LD50: 8 g/kg (Rat)
13463-67-7	Titanium dioxide Inhalation LC50: 5 mg/L (Rat)
1333-86-4	Carbon black Inhalation LC50: 5 mg/m3 (Rat)

Specific Target Organ Toxicity: No specific data.

Eyes      Skin      Respiratory System

**Effects of Overexposure**

Carcinogenicity: Not classified.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
1333-86-4	Carbon black	0.6%	Carbon black: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

13463-67-7

Titanium dioxide

1%

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**

Iron oxide (Fe2O3) LC50 96 h Danio rerio 100000 mg/L (approximately, ECHA)

**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 chemicals including Carbon black, Titanium dioxide, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://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: 4/20/2023