

**SAFETY DATA SHEET****OPQ. GREEN PMS 560C**

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# SAFETY DATA SHEET

**OPQ. GREEN PMS 560C****Section 1. Identification**

**GHS product identifier** : OPQ. GREEN PMS 560C  
**Chemical name** : Mixture  
**CAS number** : Mixture  
**Other means of identification** : CC10417637  
**Product type** : liquid

**Relevant identified uses of the substance or mixture and uses advised against**

**Product use** : Industrial applications. Plastics.

**Supplier's details** : **AVIENT CORPORATION**  
ColorMatrix Group Inc.  
680 North Rocky River Drive, Berea, Ohio, 44017-1628, USA  
  
+1 216 622 0100

**Emergency telephone number (with hours of operation)** : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

**Section 2. Hazards identification**

This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions. After handling, always wash hands thoroughly with soap and water.

**OSHA/HCS status** : While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the substance or** : Not classified.

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mixture Not classified.

**GHS label elements**

**Signal word** : No signal word.No signal word.  
**Hazard statements** : No known significant effects or critical hazards.  
No known significant effects or critical hazards.

**Precautionary statements**

**Prevention** : Not applicable.Not applicable.  
**Response** : Not applicable.Not applicable.  
**Storage** : Not applicable.Not applicable.  
**Disposal** : Not applicable.Not applicable.  
**Supplemental label elements** : None known.None known.  
**Hazards not otherwise classified** : None known.  
None known.  
Not available.

**Section 3. Composition/information on ingredients**

**Substance/mixture** : MixtureMixture  
**Chemical name** : Mixture  
**Other means of identification** : CC10417637

**CAS number/other identifiers**

<b>Ingredient name</b>	<b>%</b>	<b>CAS number</b>
Titanium dioxide	>= 10 - <= 25	13463-67-7
Carbon black	>= 1 - <= 3	1333-86-4
Titanium dioxide	>= 10 - <= 25	13463-67-7
Carbon black	>= 1 - <= 3	1333-86-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**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.**

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

## Section 4. First aid measures

### Description of necessary first aid measures

- |                     |   |   |
|---------------------|---|---|
| <b>Eye contact</b>  | : | 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. 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.   |
| <b>Inhalation</b>   | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| <b>Skin contact</b> | : | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |
| <b>Ingestion</b>    | : | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.   |

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

#### Potential acute health effects

- |                     |   |  |
|---------------------|---|--|
| <b>Eye contact</b>  | : | No known significant effects or critical hazards.No known significant effects or critical hazards. |
| <b>Inhalation</b>   | : | No known significant effects or critical hazards.No known significant effects or critical hazards. |
| <b>Skin contact</b> | : | No known significant effects or critical hazards.No known significant effects or critical hazards. |
| <b>Ingestion</b>    | : | No known significant effects or critical hazards.No known significant effects or critical hazards. |

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effects or critical hazards.

**Over-exposure signs/symptoms**

- |                     |   |                                    |
|---------------------|---|------------------------------------|
| <b>Eye contact</b>  | : | No specific data.No specific data. |
| <b>Inhalation</b>   | : | No specific data.No specific data. |
| <b>Skin contact</b> | : | No specific data.No specific data. |
| <b>Ingestion</b>    | : | No specific data.No specific data. |

**Indication of immediate medical attention and special treatment needed, if necessary**

- |                                   |   |   |
|-----------------------------------|---|---|
| <b>Notes to physician</b>         | : | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| <b>Specific treatments</b>        | : | No specific treatment. No specific treatment.   |
| <b>Protection of first-aiders</b> | : | No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.   |

See toxicological information (Section 11)

**Section 5. Fire-fighting measures****Extinguishing media**

- |   |   |  |
|---|---|--|
| <b>Suitable extinguishing media</b>               | : | In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> .In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> .   |
| <b>Unsuitable extinguishing media</b>             | : | None known.None known.   |
| <b>Specific hazards arising from the chemical</b> | : | In a fire or if heated, a pressure increase will occur and the container may burst.In a fire or if heated, a pressure increase will occur and the container may burst.   |
| <b>Hazardous thermal decomposition products</b>   | : | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>nitrogen oxides<br>halogenated compounds<br>metal oxide/oxidesDecomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide |

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- |   |   |
|---|---|
|   | nitrogen oxides<br>halogenated compounds<br>metal oxide/oxides  |
| <b>Special protective actions for fire-fighters</b>   | : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| <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 operated in positive pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.   |

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- |                                    |   |
|------------------------------------|---|
| <b>For non-emergency personnel</b> | : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. |
| <b>For emergency responders</b>    | : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| <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). 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).   |

### Methods and materials for containment and cleaning up

- |                    |   |
|--------------------|---|
| <b>Small spill</b> | : Stop leak if without risk. Move containers from spill area. Dilute with |
|--------------------|---|

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#### Large spill

- water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

#### Protective measures

- : Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8).

#### Advice on general occupational hygiene

- : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

#### Conditions for safe storage, including any incompatibilities

- : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and

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drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

<b>Section 8. Exposure controls/personal protection</b>
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**Control parameters****Occupational exposure limits**

<b>Ingredient name</b>	<b>Exposure limits</b>
Titanium dioxide	<b>OSHA PEL 1989 (1989-03-01)</b> TWA 10 mg/m <sup>3</sup> Form: Total dust <b>OSHA PEL (1993-06-30)</b> TWA 15 mg/m <sup>3</sup> Form: Total dust <b>ACGIH TLV (2022-01-06)</b> TWA 0.2 mg/m <sup>3</sup> Form: respirable fraction, nanoscale particles TWA 2.5 mg/m <sup>3</sup> Form: respirable fraction, finescale particles
Carbon black	<b>OSHA PEL 1989 (1989-03-01)</b> TWA 3.5 mg/m <sup>3</sup> <b>OSHA PEL (1993-06-30)</b> TWA 3.5 mg/m <sup>3</sup> <b>NIOSH REL (1994-06-01)</b> TWA 3.5 mg/m <sup>3</sup> <b>NIOSH REL (1994-06-01)</b> TWA 0.1 mgPAH/m <sup>3</sup> <b>ACGIH TLV (2010-12-06)</b> TWA 3 mg/m <sup>3</sup> Form: Inhalable fraction
Titanium dioxide	<b>OSHA PEL 1989 (1989-03-01)</b> TWA 10 mg/m <sup>3</sup> Form: Total dust <b>OSHA PEL (1993-06-30)</b> TWA 15 mg/m <sup>3</sup> Form: Total dust <b>ACGIH TLV (2022-01-06)</b> TWA 0.2 mg/m <sup>3</sup> Form: respirable fraction, nanoscale particles

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	TWA 2.5 mg/m3 Form: respirable fraction, finescale particles
Carbon black	<b>OSHA PEL 1989 (1989-03-01)</b> TWA 3.5 mg/m3 <b>OSHA PEL (1993-06-30)</b> TWA 3.5 mg/m3 <b>NIOSH REL (1994-06-01)</b> TWA 3.5 mg/m3 <b>NIOSH REL (1994-06-01)</b> TWA 0.1 mgPAH/m <sup>3</sup> <b>ACGIH TLV (2010-12-06)</b> TWA 3 mg/m3 Form: Inhalable fraction

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the



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following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Section 9. Physical and chemical properties****Appearance**

- Physical state** : liquid [liquid]
- Color** : GREEN
- Odor** : Faint odor.
- Odor threshold** : Not available.

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<b>pH</b>	:	Not available.
<b>Melting point</b>	:	Not available.
<b>Boiling point</b>	:	Not available.
<b>Flash point</b>	:	Not available.
<b>Burning time</b>	:	Not available.
<b>Burning rate</b>	:	Not available.
<b>Evaporation rate</b>	:	Not available.
<b>Flammability (solid, gas)</b>	:	Not available.
<b>Lower and upper explosive (flammable) limits</b>	:	<b>Lower:</b> Not available. <b>Upper:</b> Not available.
<b>Vapor pressure</b>	:	Not available.
<b>Vapor density</b>	:	Not available.
<b>Relative density</b>	:	Not available.
<b>Solubility</b>	:	Not available.
<b>Solubility in water</b>	:	insoluble in water.
<b>Partition coefficient: n-octanol/water</b>	:	Not applicable. Not applicable.
<b>Auto-ignition temperature</b>	:	Not available.
<b>Decomposition temperature</b>	:	Not available.
<b>SADT</b>	:	Not available.
<b>Viscosity</b>	:	<b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	:	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	:	Stable under recommended storage and handling conditions (see Section 7). Stable under recommended storage and handling conditions (see Section 7).
<b>Possibility of hazardous reactions</b>	:	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	:	Keep away from extreme heat and oxidizing agents. Keep away from extreme heat and oxidizing agents.
<b>Incompatible materials</b>	:	Keep away from strong acids. Oxidizer. Keep away from strong acids. Oxidizer.
<b>Hazardous decomposition products</b>	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Titanium oxide (TiO <sub>2</sub> )				
	LC50 Inhalation Dusts and mists	Rat - Male	6.82 Mg/l	4 h
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-
Carbon black				
	LD50 Oral	Rat	15,400 mg/kg	-
Titanium oxide (TiO <sub>2</sub> )				
	LC50 Inhalation Dusts and mists	Rat - Male	6.82 Mg/l	4 h
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-
Carbon black				
	LD50 Oral	Rat	15,400 mg/kg	-

**Conclusion/Summary** : Mixture.Not fully tested.

#### Irritation/Corrosion

##### **Conclusion/Summary**

**Skin** : Mixture.Not fully tested.  
**Eyes** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

#### Sensitization

##### **Conclusion/Summary**

**Skin** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

#### Mutagenicity

**Conclusion/Summary** : Mixture.Not fully tested.

#### Carcinogenicity

**Conclusion/Summary** : Mixture.Not fully tested.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
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Titanium oxide (TiO <sub>2</sub> )	-	2B	-
Carbon black	-	2B	-
Titanium oxide (TiO <sub>2</sub> )	-	2B	-
Carbon black	-	2B	-

**Reproductive toxicity****Conclusion/Summary** : Mixture. Not fully tested.**Teratogenicity****Conclusion/Summary** : Mixture. Not fully tested.**Specific target organ toxicity (single exposure)**

Not available.

Not available.

**Specific target organ toxicity (repeated exposure)**

Not available.

Not available.

**Aspiration hazard**

Not available.

Not available.

**Information on the likely routes of exposure** : Not available.**Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards. No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards. No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards. No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards. No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** : No specific data. No specific data.

**Inhalation** : No specific data. No specific data.

**Skin contact** : No specific data. No specific data.

**Ingestion** : No specific data. No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

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**Short term exposure**

Potential immediate effects : Not available.  
Potential delayed effects : Not available.

**Long term exposure**

Potential immediate effects : Not available.  
Potential delayed effects : Not available.

**Potential chronic health effects**

Conclusion/Summary : Mixture. Not fully tested.

General : No known significant effects or critical hazards. No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards. No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards. No known significant effects or critical hazards.

Teratogenicity : Not available.

Developmental effects : Not available.

Fertility effects : No known significant effects or critical hazards. No known significant effects or critical hazards.

**Numerical measures of toxicity****Acute toxicity estimates**

N/A N/A

Other information : This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

**Section 12. Ecological information****Toxicity**

Product/ingredient name	Result	Species	Exposure
Titanium oxide (TiO <sub>2</sub> )	Acute LC50 > 1,000 Mg/l Marine water	Fish - Fundulus heteroclitus	96 h

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	Acute LC50 3 Mg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 h
	Acute LC50 6.5 Mg/l Fresh water	Daphnia - Daphnia pulex	48 h
Carbon black			
	Acute EC50 37.563 Mg/l Fresh water	Daphnia - Daphnia magna	48 h
Titanium oxide (TiO2)			
	Acute LC50 > 1,000 Mg/l Marine water	Fish - Fundulus heteroclitus	96 h
	Acute LC50 3 Mg/l Fresh water	Crustaceans - Ceriodaphnia dubia	48 h
	Acute LC50 6.5 Mg/l Fresh water	Daphnia - Daphnia pulex	48 h
Carbon black			
	Acute EC50 37.563 Mg/l Fresh water	Daphnia - Daphnia magna	48 h

**Conclusion/Summary** : Not available.

**Persistence and degradability**

**Conclusion/Summary** : Not available.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

**Soil/water partition coefficient (KOC)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.No known significant effects or critical hazards.

<b>Section 13. Disposal considerations</b>
--

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be

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disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**United States - RCRA Acute hazardous waste "P" List:** Not listed

**United States - RCRA Acute hazardous waste "P" List:** Not listed

**United States - RCRA Toxic hazardous waste "U" List:** Not listed

**United States - RCRA Toxic hazardous waste "U" List:** Not listed

## Section 14. Transport information

- |                                   |   |  |
|-----------------------------------|---|--|
| U.S.DOT 49CFR<br>Ground/Air/Water | : | Not regulated for transportation.                              |
| IATA                              | : | Not classified as dangerous goods under transport regulations. |
| IMDG                              | : | Not classified as dangerous goods under transport regulations. |

## Section 15. Regulatory information

- |                          |   |  |
|--------------------------|---|--|
| U.S. Federal regulations | : | <b>United States - TSCA 12(b) - Chemical export notification:</b> None of the components are listed.<br><b>United States - TSCA 4(a) - Final Test Rules:</b> Not listed<br><b>United States - TSCA 4(a) - ITC Priority list:</b> Not listed<br><b>United States - TSCA 4(a) - Proposed test rules:</b> Not listed<br><b>United States - TSCA 4(f) - Priority risk review:</b> Not listed<br><b>United States - TSCA 5(a)2 - Final significant new use rules:</b> Not |
|--------------------------|---|--|

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listed

**United States - TSCA 5(a)2 - Proposed significant new use rules:**

Not listed

**United States - TSCA 5(e) - Substances consent order:** Not listed

**United States - TSCA 6 - Final risk management:** Not listed

**United States - TSCA 6 - Proposed risk management:** Not listed

**United States - TSCA 8(a) - Chemical risk rules:** Not listed

**United States - TSCA 8(a) - Dioxin/Furane precursor:** Not listed

**United States - TSCA 8(a) - Chemical Data Reporting (CDR):** Not determined

**United States - TSCA 8(a) - Preliminary assessment report (PAIR):** Not listed

**United States - TSCA 8(c) - Significant adverse reaction (SAR):**

Not listed

**United States - TSCA 8(d) - Health and safety studies:** Not listed

**United States - TSCA 12(b) - Chemical export notification:** None of the components are listed.

**United States - TSCA 4(a) - Final Test Rules:** Not listed

**United States - TSCA 4(a) - ITC Priority list:** Not listed

**United States - TSCA 4(a) - Proposed test rules:** Not listed

**United States - TSCA 4(f) - Priority risk review:** Not listed

**United States - TSCA 5(a)2 - Final significant new use rules:** Not listed

**United States - TSCA 5(a)2 - Proposed significant new use rules:**

Not listed

**United States - TSCA 5(e) - Substances consent order:** Not listed

**United States - TSCA 6 - Final risk management:** Not listed

**United States - TSCA 6 - Proposed risk management:** Not listed

**United States - TSCA 8(a) - Chemical risk rules:** Not listed

**United States - TSCA 8(a) - Dioxin/Furane precursor:** Not listed

**United States - TSCA 8(a) - Chemical Data Reporting (CDR):** Not determined

**United States - TSCA 8(a) - Preliminary assessment report (PAIR):** Not listed

**United States - TSCA 8(c) - Significant adverse reaction (SAR):**

Not listed

**United States - TSCA 8(d) - Health and safety studies:** Not listed

**United States - EPA Clean water act (CWA) section 307 - Priority pollutants:** Listed Phthalocyanine Blue

**United States - EPA Clean water act (CWA) section 307 - Priority pollutants:** Listed Phthalocyanine Blue

**United States - EPA Clean water act (CWA) section 311 -**

**Hazardous substances:** Not listed

**United States - EPA Clean water act (CWA) section 311 -**

**Hazardous substances:** Not listed



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United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed  
United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed  
United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed  
United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed  
United States - Department of commerce - Precursor chemical: Not listed  
United States - Department of commerce - Precursor chemical: Not listed

Clean Air Act Section 112(b) : ListedListed  
Hazardous Air Pollutants (HAPs)  
Clean Air Act Section 602 Class I : Not listedNot listed  
Substances  
Clean Air Act Section 602 Class II : Not listedNot listed  
Substances  
DEA List I Chemicals (Precursor : Not listedNot listed  
Chemicals)  
DEA List II Chemicals (Essential : Not listedNot listed  
Chemicals)

**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

not applicable not applicable  
**SARA 311/312**

**Classification** : Not applicable.  
Not applicable.

**Composition/information on ingredients**

No products were found.

Name	%	Classification
Titanium oxide (TiO <sub>2</sub> )	>= 10 - <= 25	CARCINOGENICITY - Category 2
Carbon black	>= 1 - <= 3	CARCINOGENICITY - Category 2

No products were found.

Name	%	Classification
Titanium oxide (TiO <sub>2</sub> )	>= 10 - <= 25	CARCINOGENICITY - Category 2
Carbon black	>= 1 - <= 3	CARCINOGENICITY - Category 2

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Not applicable.

**State regulations****Massachusetts**

- : The following components are listed:  
Titanium dioxide  
Carbon black
- The following components are listed:  
Titanium dioxide  
Carbon black

**New York****New Jersey**

- : None of the components are listed.
- : None of the components are listed.
- : The following components are listed:  
Titanium dioxide  
Phthalocyanine Blue  
Carbon black
- The following components are listed:  
Titanium dioxide  
Phthalocyanine Blue  
Carbon black

**Pennsylvania**

- : The following components are listed:  
Titanium dioxide  
  
Phthalocyanine Blue  
  
Carbon black
- The following components are listed:  
Titanium dioxide  
  
Phthalocyanine Blue  
  
Carbon black

**California Prop. 65**

**⚠ WARNING:** This product can expose you to chemicals including 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).

**⚠ WARNING:** This product can expose you to chemicals including 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).

<b>Ingredient name</b>	<b>No significant risk level</b>	<b>Maximum acceptable dosage level</b>
Titanium dioxide	-	-
Carbon black	-	-
<b>Ingredient name</b>	<b>No significant risk level</b>	<b>Maximum acceptable dosage level</b>
Titanium dioxide	-	-
Carbon black	-	-

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**United States inventory (TSCA 8b)** : All components are active or exempted.  
: All components are active or exempted.

**Canada inventory** : Not determined.  
: Not determined.

**International regulations****Inventory list**

**Australia** : Not determined. Not determined.  
**Canada** : Not determined.  
**China** : Not determined. Not determined.  
**Eurasian Economic Union** : **Russian Federation inventory:** Not determined. **Russian Federation inventory:** Not determined.  
**Japan** : **Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**New Zealand** : Not determined. Not determined.  
**Philippines** : Not determined. Not determined.  
**Republic of Korea** : Not determined.  
**Taiwan** : Not determined. Not determined.  
**Thailand** : Not determined. Not determined.  
**Turkey** : Not determined. Not determined.  
**United States** : All components are active or exempted. All components are active or exempted.  
**Viet Nam** : Not determined. Not determined.

**Section 16. Other information****Hazardous Material Information System (U.S.A.)**

<b>Health</b>	/	0
<b>Flammability</b>		0
<b>Physical hazards</b>		0

<b>Health</b>	/	0
<b>Flammability</b>		0
<b>Physical hazards</b>		0

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark

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The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

**History**

Date of printing	:	09/12/2025
Date of issue/Date of revision	:	09/11/2025
Date of previous issue	:	00/00/0000
Version	:	1.0
Key to abbreviations	:	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References	:	Not available.

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