#### SAFETY DATA SHEET

#### MC-53976NY CJ-DARK BRONZE

Version Number 1.2 Revision Date 04/16/2020



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# SAFETY DATA SHEET

#### MC-53976NY CJ-DARK BRONZE

Section 1. Identificati	ion	
GHS product identifier	:	MC-53976NY CJ-DARK BRONZE
Chemical name CAS number	:	Mixture Mixture
Other means of identification Product type	:	CC01065591 solid
Relevant identified uses of the sub	ostance	or mixture and uses advised against
Product use	:	Industrial applications. Plastics.
Supplier's details	:	Mesa Industries 230 N 48th Avenue Phoenix, AZ 85043
		(602) 269-3199
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. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors 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. 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.
Classification of the substance or mixture	:	Not classified.

#### **GHS label elements**

Signal word

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Hazard statements	:	No known significant effects or critical hazards.
		-
Precautionary statements		
General	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.

:

No signal word.

Not available.

Hazards not otherwise classified :

# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC01065591

CAS number/other identifiers

Ingredient name	%	CAS number
Carbon black	5 - 10	1333-86-4
Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester	3 - 5	52829-07-9
Titanium dioxide	1 - 3	13463-67-7

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.

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

# Section 4. First aid measures

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#### **Description of necessary first aid measures**

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.
Inhalation	:	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.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Eye contact : No known significant effects or critical hazards. Inhalation No known significant effects or critical hazards. : Skin contact : No known significant effects or critical hazards. Ingestion No known significant effects or critical hazards. : **Over-exposure signs/symptoms** Eye contact No specific data. : Inhalation No specific data. : Skin contact No specific data. : Ingestion : No specific data. Indication of immediate medical attention and special treatment needed, if necessary In case of inhalation of decomposition products in a fire, symptoms Notes to physician : may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Specific treatments No specific treatment. : **Protection of first-aiders** No action shall be taken involving any personal risk or without : suitable training.

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See toxicological information (Section 11)

# **Section 5. Firefighting measures**

#### Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or $\rm CO_2$ . None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
Special protective actions for fire- fighters	:	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.
Special protective equipment for fire-fighters	:	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

For non-emergency personnel For emergency responders	:	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. 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".
Environmental precautions	:	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 containme	ent a	nd cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and

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Large spill

place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. 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 Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). 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 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.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
Carbon black	OSHA PEL 1989 (1989-03-01)
	TWA 3.5 mg/m3
	OSHA PEL (1993-06-30)
	TWA 3.5 mg/m3
	NIOSH REL (1994-06-01)
	TWA 3.5 mg/m3
	NIOSH REL (1994-06-01)
	TWA 0.1 mgPAH/m <sup>3</sup>

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	ACGIH TLV (2010-12-06) TWA 3 mg/m3 Form: Inhalable fraction
Decanedioic acid, bis(2,2,6,6- tetramethyl-4-piperidinyl) ester	None.
Titanium dioxide	OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust ACGIH TLV (1996-05-18) TWA 10 mg/m3
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	<ul> <li>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.</li> </ul>
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.
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 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 rick assessment indicates this is persent.
Body protection	<ul><li>if a risk assessment indicates this is necessary.</li><li>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.</li></ul>
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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.
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.

# Section 9. Physical and chemical properties

#### **Appearance**

Physical state	:	solid [Pellets.]
Color	:	BROWN
Odor	:	Faint odor.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	insoluble in water.
Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	÷.	Not available.
Viscosity	-	<b>Dynamic:</b> Not available.
( is cosicy		<b>Kinematic:</b> Not available.
<u>Aerosol product</u>		
Heat of combustion	:	Not available.

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Ignition distance Enclosed space ignition - Time	:	Not available. Not available.
equivalent Enclosed space ignition -	:	Not available.
Deflagration density		
Flame height	:	Not available.
Flame duration	:	Not available.

# Section 10. Stability and reactivity

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

# Section 11. Toxicological 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.

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Carbon black				
	LD50 Oral	Rat	15,400 mg/kg	-
<b>Remarks - Inhalation:</b>	No applicable toxi	city data		
Remarks - Dermal:	No applicable toxi	city data		
Decanedioic acid, bis(2,2,6,6-t	,6,6-tetramethyl-4-piperidinyl) ester			
Remarks - Oral:	No applicable toxi	No applicable toxicity data		
<b>Remarks - Inhalation:</b>	No applicable toxi	No applicable toxicity data		
Remarks - Dermal:	No applicable toxicity data			
Titanium dioxide				
Remarks - Oral:	No applicable toxicity data			
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h

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itanium dioxide Skin - Mild Human 72 hrs - Conclusion/Summary Skin : Mixture.Not fully tested. Eyes : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Autagenicity Conclusion/Summary : Mixture.Not fully tested. Classification Product/ingredient name OSHA IARC NTP Carbon black - 2B - Titanium dioxide - 2B - Titanium	Conclusion/Summary	: N	/lixture.Not fu	lly tested.		
itanium dioxide Skin - Mild Human 72 hrs - Conclusion/Summary Skin : Mixture.Not fully tested. Eyes : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Respiratory : Mixture.Not fully tested. Iutagenicity Conclusion/Summary : Mixture.Not fully tested. Classification Product/ingredient name OSHA IARC NTP Carbon black - 2B - Titanium dioxide - 2B - Titanium	ritation/Corrosion					
irritantirritantConclusion/Summary Skin:Mixture.Not fully tested. EyesEyes:Mixture.Not fully tested. RespiratoryConclusion/Summary Skin:Mixture.Not fully tested. RespiratoryConclusion/Summary Skin:Mixture.Not fully tested. RespiratoryConclusion/Summary Skin:Mixture.Not fully tested.Conclusion/Summary Skin:Mixture.Not fully tested.Conclusion/Summary Conclusion/Summary:Mixture.Not fully tested.Carcinogenicity Conclusion/Summary:Mixture.Not fully tested.Carcinogenicity Carbon black::Product/ingredient name Carbon blackOSHA 2B:Carbon black:::::Conclusion/Summary titanium dioxide::::Conclusion/Summary:: <th>Product/ingredient name</th> <th>Result</th> <th>Species</th> <th>Score</th> <th>Exposure</th> <th>Observation</th>	Product/ingredient name	Result	Species	Score	Exposure	Observation
Skin       :       Mixture.Not fully tested.         Eyes       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Sensitization       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Skin       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Cassification       :       :         Product/ingredient name       OSHA       IARC       NTP         Carbon black       :       :       :         itanium dioxide       :       :       :         Conclusion/Summary       :       Mixture.Not fully tested.         Erratogenicity       :       :       :         Conclusion/Summary       :       Mixture.Not fully tested.         Erratogenicity       :       :       :         Conclusion/Summary       :	Fitanium dioxide		Human		72 hrs	-
Eyes       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Sensitization       :       Sensitization         Conclusion/Summary       :       Mixture.Not fully tested.         Skin       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carbon black       -       :         2B       -       :         Titanium dioxide       -       :         2B       -       :         Conclusion/Summary       :       Mixture.Not fully tested.         Reproductive toxicity       :       :         Conclusion/Summary       :       Mixture.Not fully tested.         Carbon black       -       :         2B       -       :         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested. <td></td> <td>,</td> <td></td> <td>11 / / 1</td> <td></td> <td></td>		,		11 / / 1		
Respiratory       :       Mixture.Not fully tested.         Sensitization						
Conclusion/Summary       i       Mixture.Not fully tested.         Respiratory       i       Mixture.Not fully tested.         Mutagenicity       Imagenicity       Imagenicity         Conclusion/Summary       i       Mixture.Not fully tested.         Carcinogenicity       Imagenicity       Imagenicity         Conclusion/Summary       i       Mixture.Not fully tested.         Carcinogenicity       Imagenicity       Imagenicity         Conclusion/Summary       i       Mixture.Not fully tested.         Classification       Imagenicity       Imagenicity         Product/ingredient name       OSHA       Imagenicity         Carbon black       -       2B       -         Titanium dioxide       -       2B       -         Conclusion/Summary       i       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       Imagenet is in the state is in th						
Skin       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Classification       :       :         Product/ingredient name       OSHA       IARC         Carbon black       -       :         -       :       2B         Titanium dioxide       -       :         Conclusion/Summary       :       Mixture.Not fully tested.         Ceratogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Ceratogenicity       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       .         Not available.       :       .	Sensitization					
Skin       :       Mixture.Not fully tested.         Respiratory       :       Mixture.Not fully tested.         Mutagenicity       .       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       .       Mixture.Not fully tested.         Carcinogenicity       .       Mixture.Not fully tested.         Cassification       .       .         Carbon black       -       .         Carbon black       -       .         Carbon black       -       .         Titanium dioxide       -       .         Reproductive toxicity       .       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       .         Not available.       .	Conclusion/Summary					
Mutagenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Carcinogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Classification         Product/ingredient name       OSHA         Carbon black       -         2B       -         Titanium dioxide       -         2B       -         Reproductive toxicity         Conclusion/Summary       :         Mixture.Not fully tested.         Teratogenicity         Conclusion/Summary       :         Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.	Skin					
Conclusion/Summary       :       Mixture.Not fully tested.         Carcinogenicity       .       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Classification       .       .         Product/ingredient name       OSHA       IARC       NTP         Carbon black       -       .       .         Titanium dioxide       -       .       .         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.       .       .	Respiratory	: N	/lixture.Not fu	lly tested.		
Carcinogenicity         Conclusion/Summary       :       Mixture.Not fully tested.         Classification <ul> <li>Product/ingredient name</li> <li>OSHA</li> <li>IARC</li> <li>NTP</li> <li>Carbon black</li> <li>-</li> <li>2B</li> <li>-</li> </ul> Reproductive toxicity           Conclusion/Summary         :         Mixture.Not fully tested.           Feratogenicity         -         .         .           Conclusion/Summary         :         Mixture.Not fully tested.           Specific target organ toxicity (single exposure)         .         .           Not available.         .         .         .	<u>Mutagenicity</u>					
Conclusion/Summary       : Mixture.Not fully tested.         Classification <ul> <li>Product/ingredient name</li> <li>OSHA</li> <li>IARC</li> <li>NTP</li> <li>Carbon black</li> <li>2B</li> <li>Itianium dioxide</li> <li>2B</li> <li>Itianium dioxide</li> </ul> Reproductive toxicity           Conclusion/Summary         : Mixture.Not fully tested.           Teratogenicity           Conclusion/Summary         : Mixture.Not fully tested.           Specific target organ toxicity (single exposure) Not available.	Conclusion/Summary	: N	/lixture.Not fu	lly tested.		
Classification         Product/ingredient name       OSHA       IARC       NTP         Carbon black       -       2B       -         Titanium dioxide       -       2B       -         Titanium dioxide       -       2B       -         Reproductive toxicity       -       2B       -         Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       Not available.       Not available.	Carcinogenicity					
Product/ingredient name       OSHA       IARC       NTP         Carbon black       -       2B       -         Titanium dioxide       -       2B       -         Reproductive toxicity       -       2B       -         Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       Not available.       Not available.	Conclusion/Summary	: N	/lixture.Not fu	lly tested.		
Carbon black       -       2B       -         Titanium dioxide       -       2B       -         Reproductive toxicity       Conclusion/Summary       :       Mixture.Not fully tested.         Teratogenicity       Conclusion/Summary       :       Mixture.Not fully tested.         Specific target organ toxicity (single exposure)       Not available.						
Titanium dioxide       -       2B       -         Reproductive toxicity       Kixture.Not fully tested.       Conclusion/Summary       :       Mixture.Not fully tested.         Conclusion/Summary       :       Mixture.Not fully tested.       Specific target organ toxicity (single exposure)       Not available.	<b>Classification</b>					
Reproductive toxicity         Conclusion/Summary       : Mixture.Not fully tested.         Feratogenicity         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure)         Not available.	Product/ingredient name	OSHA		NTP		
Conclusion/Summary       : Mixture.Not fully tested.         Feratogenicity       .         Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.	<b>Product/ingredient name</b> Carbon black	-	2B	-		
Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure) Not available.	Product/ingredient name Carbon black	-	2B	-		
Conclusion/Summary       : Mixture.Not fully tested.         Specific target organ toxicity (single exposure)	Product/ingredient name Carbon black Titanium dioxide	-	2B	-		
Specific target organ toxicity (single exposure) Not available.	Product/ingredient name Carbon black Titanium dioxide Reproductive toxicity	-	2B 2B	-		
Not available.	Product/ingredient name Carbon black Titanium dioxide Reproductive toxicity Conclusion/Summary	-	2B 2B	-		
Encoific target organ toxicity (repeated expecture)	Product/ingredient name Carbon black Titanium dioxide Reproductive toxicity Conclusion/Summary Teratogenicity	- - : N	2B 2B	- - lly tested.		
	Product/ingredient name         Carbon black         Titanium dioxide         Reproductive toxicity         Conclusion/Summary         Teratogenicity         Conclusion/Summary         Specific target organ toxicity	- - : N : N	2B 2B Aixture.Not fu	- - lly tested.		

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Not available.

Aspiration hazard Not available.		
Information on likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the physical	, chemio	cal and toxicological characteristics
Eye contact	:	No specific data.
Inhalation	:	No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

:

:

No specific data.

No specific data.

#### Short term exposure

Skin contact

Ingestion

Potential immediate effects Potential delayed effects	:	Not available. Not available.
Long term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General Carcinogenicity Mutagenicity Teratogenicity Developmental effects Fertility effects	:::::::::::::::::::::::::::::::::::::::	No known significant effects or critical hazards. No known significant effects or critical hazards.

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Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

# Section 12. Ecological information

**Toxicity** 

Product/ingredient name	Result	Species	Exposure		
Carbon black	·				
Remarks - Acute - Fish:	No applicable toxicity data				
	Acute EC50 37.563 Mg/l Fresh				
	water	Daphnia			
Remarks - Acute - Aquatic	Acute				
invertebrates.:					
Remarks - Acute - Aquatic	No applicable toxicity data				
plants:					
Remarks - Chronic - Fish:	No applicable toxicity data				
<b>Remarks - Chronic -</b>	No applicable toxicity data				
Aquatic invertebrates.:					
Decanedioic acid, bis(2,2,6,6-t	etramethyl-4-piperidinyl) ester				
Remarks - Acute - Fish:	No applicable toxicity data				
	Acute EC50 8.6 Mg/l Fresh water	Aquatic invertebrates.	48 h		
		Daphnia			
<b>Remarks - Acute - Aquatic</b>	Acute				
invertebrates.:					
Remarks - Acute - Aquatic	No applicable toxicity data				
plants:					
<b>Remarks - Chronic - Fish:</b>	No applicable toxicity data				
<b>Remarks - Chronic -</b>	No applicable toxicity data				
Aquatic invertebrates.:					
Titanium dioxide	1		-		
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h		
	water				
Remarks - Acute - Fish:	Acute	1	-		
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates.	48 h		
		Crustaceans			
Remarks - Acute - Aquatic	Acute				



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invertebrates.:			
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates.	48 h
		Daphnia	
Remarks - Acute - Aquatic	Acute		
invertebrates.:			
Remarks - Acute - Aquatic	No applicable toxicity data		
plants:			
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		
Aquatic invertebrates.:			
MC-53976NY CJ-DARK BRO	DNZE		
Remarks - Acute - Aquatic	Chemicals are not readily available a	s they are bound within the	polymer matrix.
invertebrates.:			
Conclusion/Summary	: Chemicals are not readil	y available as they are bound	nd within the
	polymer matrix.		

#### Persistence and degradability

**Conclusion/Summary** 

Chemicals are not readily available as they are bound within the polymer matrix.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Decanedioic acid, bis(2,2,6,6-	0.35	-	low
tetramethyl-4-piperidinyl) ester			

#### Mobility in soil

Soil/water partition coefficient	:	Not available.
(KOC) Other adverse effects	:	No known significant effects or critical hazards.

:

# Section 13. Disposal considerations

**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.

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

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

# Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Not classified as dangerous goods under transport regulations.
International Water IMO/IMDG	:	Not classified as dangerous goods under transport regulations.

# Section 15. Regulatory information

<ul> <li>United States - TSCA 5(a)2 - Final significant new use rules: Not listed</li> <li>United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 6 - Final risk management: Not listed</li> <li>United States - TSCA 6 - Proposed risk management: Not listed</li> <li>United States - TSCA 8(a) - Chemical risk rules: Not listed</li> <li>United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed</li> </ul>	<ul> <li>United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 6 - Final risk management: Not listed</li> <li>United States - TSCA 6 - Proposed risk management: Not listed</li> <li>United States - TSCA 8(a) - Chemical risk rules: Not listed</li> <li>United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed</li> <li>United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not</li> </ul>	U.S. Federal regulations :
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		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 Zinc ferrite brown spinel (C.I. Pigment Yellow 119) Ethyl benzene Nickel Chromium Arsenic
		United States - EPA Clean water act (CWA) section 311 - Hazardous substances: 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 - Department of commerce - Precursor chemical: Not listed
Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II Substances	:	Not listed
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed
US. EPA CERCLA Hazardous Subs	stanc	zes (40 CFR 302)
not applicable		

#### SARA 311/312

Classification

: Not applicable.

#### **Composition/information on ingredients**

No products were found.

Name	%	Classification



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Carbon black	>= 5 - <= 10	CARCINOGENICITY - Category 2
Decanedioic acid, bis(2,2,6,6-tetramethyl-4- piperidinyl) ester	>= 3 - <= 5	SERIOUS EYE DAMAGE - Category 1
Titanium dioxide	>= 1 - <= 3	CARCINOGENICITY - Category 2

#### <u>SARA 313</u>

#### Form R - Reporting requirements

Product name	CAS number	%
Zinc ferrite brown spinel (C.I. Pigment Yellow 119)	68187-51-9	>= 3 - <= 5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations		
Massachusetts	:	None of the components are listed.
New York	:	None of the components are listed.
New Jersey	:	The following components are listed:
		Titanium dioxide
		Iron oxide
		Zinc ferrite brown spinel (C.I. Pigment Yellow 119)
		Carbon black
Pennsylvania	:	The following components are listed:
·		Titanium dioxide
		Iron oxide
		Zinc ferrite brown spinel (C.I. Pigment Yellow 119)
		Carbon black

#### California Prop. 65

**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.

	Ingredient name	No significant risk level	Maximum acceptable dosage level
	Carbon black	-	-





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Titanium dioxide		-	-
United States inventory (TSCA 8b)	:	All components are active or exempted.	
Canada inventory	:	All components are listed or exempted.	
International regulations			
Inventory list			
Australia	:	Not determined.	
Canada	:	All components are listed or exempted.	
China	1	All components are listed or exempted.	
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Europe inventory	•	All components are listed or exempted.	
Japan	:	Not determined.	
New Zealand	:	Not determined.	
Philippines	:	Not determined.	
Republic of Korea	:	Not determined.	
Taiwan	:	Not determined.	
Turkey	:	Not determined.	
United States		All components are active or exempted.	
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# Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		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 and service mark of the American Coatings Association, Inc.

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

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:	01/24/2019
	:

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Version	:	1.2
Version 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 = Internediate 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.

#### Notice to reader

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