GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 1 of 17 Print Date 11/26/2018

SAFETY DATA SHEET

GB GREEN 350C UV PP

Section 1. Identification		
GHS product identifier Chemical name CAS number Other means of identification Product type	:	GB GREEN 350C UV PP Mixture Mixture CC10164394 solid
<u>Relevant identified uses of the subs</u> Product use	tance :	e or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	POLYONE CORPORATION 33587 Walker Road, Avon Lake, OH 44012
Emergency telephone number (with hours of operation)	:	1 (440) 930-1000 or 1 (866) POLYONE 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	:	No signal word.
		1/17

PolyOne

GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 2 of 17 Print Date 11/26/2018

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.

Section 3. Composition/information on ingredients

:

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	CC10164394

CAS number/other identifiers

Ingredient name	%	CAS number
Poly[[6-[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4-	3 - 5	Not available.
diyl][(2,2,6,6-tetramethyl-4-piperidinyl)imino]-1,6-		
hexanediyl[(2,2,6,6-tetramethyl-4-piperidinyl)imino]]		
Carbon black	0.3 - 1	1333-86-4
Titanium dioxide	0 - 0.3	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

Description of necessary first aid measures



GB GREEN 350C UV PP

Version Number 1.2	Page 3 of 17
Revision Date 09/14/2018	Print Date 11/26/2018

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.
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 Inhalation Skin contact Ingestion Over-exposure signs/symptoms	:::::::::::::::::::::::::::::::::::::::	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medical atte	<u>entio</u>	n and special treatment needed, if necessary
Notes to physician	:	Treat symptomatically. Contact poison treatment specialist
Specific treatments	:	immediately if large quantities have been ingested or inhaled. No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018

Page 4 of 17 Print Date 11/26/2018

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or 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 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 contain	nent a	nd cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	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.
		4/17



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 5 of 17 Print Date 11/26/2018

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
Poly[[6-[(1,1,3,3- tetramethylbutyl)amino]-1,3,5-triazine- 2,4-diyl][(2,2,6,6-tetramethyl-4- piperidinyl)imino]-1,6- hexanediyl[(2,2,6,6	None.
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 TWA 0.1 mgPAH/m ³ ACGIH TLV (2010-12-06) TWA 3 mg/m3 Form: Inhalable fraction



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018

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	:	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 Eye/face protection	:	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. 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.
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.
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.

GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018



Page 7 of 17 Print Date 11/26/2018

Section 9. Physical and chemical properties

Appearance

Physical state	:	solid [Pellets.]
Color	:	GREEN
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-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
		Kinematic: 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 Incompatible materials	:	Keep away from extreme heat and oxidizing agents. Keep away from strong acids. Oxidizer.



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018

Page 8 of 17 Print Date 11/26/2018

Hazardous decomposition	:	Under normal conditions of storage and use, hazardous decomposition
products		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		
Poly[[6-[(1,1,3,3-tetramethylb	utyl)amino]-1,3,5-tri	azine-2,4-diyl][(2,2,6,	6-tetramethyl-4-piperio	linyl)imino]-1,6-		
hexanediyl[(2,2,6,6-tetramethy	l-4-piperidinyl)imin	o]]				
	LD50 Oral	Rat	9,910 mg/kg	-		
	LC50 Inhalation	Rat	0.112 Mg/l	4 h		
Remarks - Dermal:	No applicable toxicity data					
Carbon black						
	LD50 Oral	Rat	15,400 mg/kg	-		
Remarks - Inhalation:	No applicable toxi	No applicable toxicity data				
Remarks - Dermal:	No applicable toxicity data					
Titanium dioxide		•				
Remarks - Oral:	No applicable toxic	city data				
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h		
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-		
Conclusion/Summary	: Mixtu	re.Not fully tested.	·	•		

Conclusion/Summary

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Poly[[6-[(1,1,3,3-	Skin - Mild	Rabbit			-
tetramethylbutyl)amino]-	irritant				
1,3,5-triazine-2,4-					
diyl][(2,2,6,6-tetramethyl-4-					
piperidinyl)imino]-1,6-					
hexanediyl[(2,2,6,6-					
tetramethyl-4-					
piperidinyl)imino]]					
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
Conclusion/Summary					
Skin	: N	lixture.Not ful	ly tested.		
Eyes	: N	lixture.Not ful	ly tested.		

<u>PolyOne</u>

GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 9 of 17 Print Date 11/26/2018

Sensitization Conclusion/Summary Skin arrow Mixture.Not fully tested. Mutagenicity Conclusion/Summary Mixture.Not fully tested. Carcinogenicity Conclusion/Summary Mixture.Not fully tested. Carcinogenicity Conclusion/Summary Mixture.Not fully tested. Cassification Product/ingredient OSHA Lassification Carbon black 2B Titanium dioxide 2B Titanium dioxide 2B Reproductive toxicity Conclusion/Summary Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available. Mixture.Not fully tested. Specific target organ toxicity (repeated exposure) Not available. Not available. Specific target organ toxicity (repeated exposure) Not available. Not available. Profermion on likely routes of response in Not available. Not available. Profermion on response in Nok nown significant effects or critical hazards. Nok nown significant effects or critical hazards. Conclusion is not in Nok nown significant effects or critical hazards. Not nown significant effects or critical hazards.	Respiratory	: M	ixture.Not fully t	ested.	
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. Cassification . . Product/ingredient OSHA IARC NTP Carlon black . . . Carlon black . . . Carlon black . . . Titanium dioxide . . . Reproductive toxicity . Mixture.Not fully tested. . Carlon black Carlon black Carlon black Carlon black Carlon black Carlon black 	Sensitization				
Conclusion/Summary : Mixture.Not fully tested. Carcinogenicity Conclusion/Summary : Mixture.Not fully tested. Classification IARC NTP name OSHA IARC NTP Carbon black 2B	Skin				
Carcinogenicity Conclusion/Summary : Mixture.Not fully tested. Carbon black 2B Titanium dioxide 2B Titanium dioxide 2B Reproductive toxicity Conclusion/Summary : Mixture.Not fully tested. Teratogenicity Conclusion/Summary : Mixture.Not fully tested. Teratogenicity Conclusion/Summary : Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Protential acute health effects Protential acute health effects Eye contact : in hon acci : No known significant effects or critical hazards. Inhalation : Skin contact : No known significant effects or critical hazards. Skin contact :	Mutagenicity				
Conclusion/Summary : Mixture.Not fully tested. Cassification Product/ingredient OSHA IARC NTP name 2B	Conclusion/Summary	: M	ixture.Not fully t	ested.	
Classification OSHA IARC NTP name 2B	Carcinogenicity				
Product/ingredient OSHA IARC NTP name 2B		: M	ixture.Not fully t	ested.	
Carbon black 2B Titanium dioxide 2B Reproductive toxicity 2B Conclusion/Summary : Mixture.Not fully tested. Teratogenicity Conclusion/Summary 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. . Information on likely routes of exposure . 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.		OSHA	IARC	NTP	
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. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Information on likely routes of : 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.					
Reproductive toxicity Conclusion/Summary : Teratogenicity Conclusion/Summary : Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Information on likely routes of exposure Potential acute health effects Eye contact : Inhalation : No known significant effects or critical hazards. Skin contact : No known significant effects or critical hazards.					
Conclusion/Summary : Mixture.Not fully tested. Teratogenicity . Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available. . Specific target organ toxicity (repeated exposure) Not available. . Mixture.Not fully tested. . Specific target organ toxicity (repeated exposure) Not available. . Information hazard Not available. . Potential acute health effects . Eye contact Inhalation : No known significant effects or critical hazards. . Shin contact : No known significant effects or critical hazards.	Titanium dioxide		2B		
Conclusion/Summary : Mixture.Not fully tested. Specific target organ toxicity (single exposure) Not available.		: M	ixture.Not fully t	ested.	
Specific target organ toxicity (single exposure) Not available. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Information on likely routes of exposure Potential acute health effects Eye contact : Inhalation : No known significant effects or critical hazards. Shin contact :	<u>Teratogenicity</u>				
Not available. Specific target organ toxicity (repeated exposure) Not available. Aspiration hazard Not available. Information on likely routes of exposure Potential acute health effects Eye contact : Inhalation : No known significant effects or critical hazards. Skin contact :	Conclusion/Summary	: M	ixture.Not fully t	ested.	
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.		<u>(single exposu</u>	<u>re)</u>		
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.		(repeated expo	osure)		
exposure Potential acute health effects Eye contact : Inhalation : Skin contact : No known significant effects or critical hazards. Skin contact :					
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.		of : No	ot available.		
Inhalation:No known significant effects or critical hazards.Skin contact:No known significant effects or critical hazards.	Potential acute health effects				
Inhalation:No known significant effects or critical hazards.Skin contact:No known significant effects or critical hazards.	Eve contact	• N	o known signific:	ant effects or critical hazards	
Skin contact : No known significant effects or critical hazards.					
			9/17		



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018

Page 10 of 17 Print Date 11/26/2018

Ingestion Eye contact No specific data. : Inhalation No specific data. : Skin contact No specific data. : Ingestion : No specific data. Delayed and immediate effects as well as chronic effects from short and long-term exposure Short term exposure Not available. **Potential immediate effects** • Not available. **Potential delayed effects** • Long term exposure

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

Numerical measures of toxicity

Acute toxicity estimates

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
	10/17		

No known significant effects or critical hazards. :

Symptoms related to the physical, chemical and toxicological characteristics

Not available.



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 11 of 17 Print Date 11/26/2018

Poly[[6-[(1,1,3,3-tetramethylb	utyl)amino]-1,3,5-triazine-2,4-diyl][(2	2,2,6,6-tetramethyl-4-piperi	dinyl)imino]-1,6-
hexanediyl[(2,2,6,6-tetramethy	/l-4-piperidinyl)imino]]		• • •
Remarks - Acute - Fish:	No applicable toxicity data		
Remarks - Acute - Aquatic	No applicable toxicity data		
invertebrates.:	11 5		
Remarks - Acute - Aquatic	No applicable toxicity data		
plants:			
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		
Aquatic invertebrates.:			
Carbon black			
Remarks - Acute - Fish:	No applicable toxicity data		
	Acute EC50 37.563 Mg/l Fresh	Aquatic invertebrates.	48 h
	water	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.:			
Titanium dioxide			
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h
	water		
Remarks - Acute - Fish:	Acute		
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
Remarks - Acute - Aquatic	Acute		
invertebrates.:			1
	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.:			
GB GREEN 350C UV PP			
Remarks - Acute - Aquatic	Chemicals are not readily available	as they are bound within the	e polymer matrix.
invortabratas.			
invertebrates.: Conclusion/Summary	: Chemicals are not readi	ly available as they are bou	1 1.1 1 .1



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 12 of 17 Print Date 11/26/2018

Persistence and degradability		
Conclusion/Summary	:	Chemicals are not readily available as they are bound within the polymer matrix.
Conclusion/Summary	:	Chemicals are not readily available as they are bound within the polymer matrix.
Bioaccumulative potential Not available.		
<u>Mobility in soil</u>		
Soil/water partition coefficient (KOC)	:	Not available.
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 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.

<u>One</u>

GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 13 of 17 Print Date 11/26/2018

 International Air
 : Not classified as dangerous goods under transport regulations.

 International Water
 : Not classified as dangerous goods under transport regulations.

 IMO/IMDG
 : Not classified as dangerous goods under transport regulations.

Section 15. Regulatory information

U.S. Federal regulations	 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 4(f) - Priority risk review: Not listed United States - TSCA 5(a)2 - Proposed 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 precusor: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined 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 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Chromium (III) oxide Rutile, antimony chromium buff Phthalocyanine green
	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



GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 14 of 17 Print Date 11/26/2018

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

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

Not applicable.

:

Composition/information on ingredients

Name	%	Classification
Poly[[6-[(1,1,3,3- tetramethylbutyl)amino]-1,3,5- triazine-2,4-diyl][(2,2,6,6- tetramethyl-4-piperidinyl)imino]- 1,6-hexanediyl[(2,2,6,6- tetramethyl-4-piperidinyl)imino]]	3 - 5	АН
Carbon black	0.3 - 1	СН
Titanium dioxide	0 - 0.3	СН

SARA 313

	Product name	CAS number	%
Form R - Reporting	Chromium (III) oxide	1308-38-9	10 - 25
requirements			
	Rutile, antimony chromium	68186-90-3	5 - 10
	buff		
Supplier notification	Chromium (III) oxide	1308-38-9	10 - 25
	Rutile, antimony chromium	68186-90-3	5 - 10
	buff		

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.

<u>PolyOne</u>

GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018

Page 15 of 17 Print Date 11/26/2018

<u>State regulations</u> Massachusetts New York	:	None of the components are listed. None of the components are listed.
New Jersey	:	The following components are listed: Rutile, antimony chromium buff Chromium (III) oxide Titanium dioxide Carbon black Talc Phthalocyanine green
Pennsylvania	:	The following components are listed: Chromium (III) oxide
		Rutile, antimony chromium buff
		Talc
		Phthalocyanine green
		Carbon black
		Titanium dioxide
<u>California Prop. 65</u>		
WARNING: This product contains a c	hemi	ical known to the State of California to cause cancer.
United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	Not determined.
International regulations		
<u>Inventory list</u>		
Australia	:	Not determined.
Canada	:	Not determined.
China	:	Not determined.
Europe inventory	:	Not determined.
Japan	:	Not determined.
New Zealand	:	Not determined.
Philippines Bonyblic of Korea	:	Not determined. Not determined.
Republic of Korea Taiwan	:	Not determined.
_ di wan	•	
		15/17

15/17

GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 16 of 17 Print Date 11/26/2018

Turkey United States Not determined.

:

All components are listed or exempted.

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

<u>1113t01 y</u>		
Date of printing	:	11/26/2018
Date of issue/Date of revision	:	09/14/2018
Date of previous issue	:	00/00/0000
Version	:	1.2
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)
		$\hat{U}N = United Nations$
References	:	Not available.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.

PolyOne

GB GREEN 350C UV PP

Version Number 1.2 Revision Date 09/14/2018 Page 17 of 17 Print Date 11/26/2018

Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.