UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 1 of 18 Print Date 09/22/2018

SAFETY DATA SHEET

UV CURBELL/LAIRD BR GREEN ABS

Section 1. Identification)n	
GHS product identifier Chemical name CAS number Other means of identification Product type	:	UV CURBELL/LAIRD BR GREEN ABS Mixture Mixture CC10233030 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
		1 (440) 930-1000 or 1 (866) POLYONE
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	:	No signal word.
		1/18

UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 2 of 18 Print Date 09/22/2018

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	:	CC10233030

CAS number/other identifiers

Ingredient name	%	CAS number
2-Propenenitrile, polymer with Ethenylbenzene	50 - 75	9003-54-7
Titanium dioxide	10 - 25	13463-67-7
Formamide, N,N'-1,6-hexanediylbis[N-(2,2,6,6-tetramethyl-4-piperidinyl)-	5 - 10	124172-53-8
Styrene	0 - 0.3	100-42-5

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



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018

Page 3 of 18 Print Date 09/22/2018

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

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.
2		-

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

Notes to physician	:	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.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 4 of 18 Print Date 09/22/2018

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 sulfur 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 containment and cleaning up

<u>vOne</u>

UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0		Page 5 of 18
Revision Date 09/21/2018		Print Date 09/22/2018
S		Mana ang tain ng frang agill ang Manung an ang ang matarial and
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.

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	
Styrene	OSHA PEL 1989 (1989-03-01) TWA 215 mg/m3 50 ppm STEL 425 mg/m3 100 ppm OSHA PEL Z2 (1993-06-30) TWA 100 ppm CEIL 200 ppm	



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 6 of 18 Print Date 09/22/2018

	6/19
Hand protection :	Chemical-resistant, impervious gloves complying with an approved
Skin protection	
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.
Appropriate engineering controls : Environmental exposure controls :	Good general ventilation should be sufficient to control worker exposure to airborne contaminants. 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.
2-Propenenitrile, polymer with Ethenylbenzene	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
Formamide, N,N'-1,6-hexanediylbis[N- (2,2,6,6-tetramethyl-4-piperidinyl)-	None.
	CEIL 600 ppm NIOSH REL (1994-06-01) TWA 215 mg/m3 50 ppm STEL 425 mg/m3 100 ppm ACGIH TLV (1997-05-21) TWA 85 mg/m3 20 ppm STEL 170 mg/m3 40 ppm
	NIOSH REL (1994-06-01) TWA 215 mg/m3 50 ppm



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0	Page 7 of 18
Revision Date 09/21/2018	Print Date 09/22/2018

		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.

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- octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature		Not available.
SADT		Not available.
Viscosity		Dynamic: Not available.
· J	-	Kinematic: Not available.



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 8 of 18 Print Date 09/22/2018

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		
Styrene						
	LD50 Oral	Rat	2,650 mg/kg	-		
	LC50 Inhalation	Rat	2,770 ppm	4 h		
	LC50 Inhalation	Rat	11.8 Mg/l	4 h		
Remarks - Dermal:	No applicable toxic	city data				
Formamide, N,N'-1,6-hexaned	iylbis[N-(2,2,6,6-teti	ramethyl-4-piperidi	inyl)-			
Remarks - Oral:	No applicable toxicity data					
Remarks - Inhalation:	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	-		
2-Propenenitrile, polymer with Ethenylbenzene						
	LD50 Oral Rat 1,800 mg/kg -					
Remarks - Inhalation:	No applicable toxicity data					
Remarks - Dermal:	No applicable toxicity data					
Conclusion/Summary	Mixture.Not fully tested.					



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 9 of 18 Print Date 09/22/2018

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Styrene	Eyes - Mild	Human			-
-	irritant				
	Skin - Mild	Rabbit			-
	irritant				
	Skin -	Rabbit			-
	Moderate				
	irritant				
	Eyes - Severe	Rabbit			-
	irritant				
	Eyes -	Rabbit		24 hrs	-
	Moderate				
	irritant				
Titanium dioxide	Skin - Mild	Human		72 hrs	-
	irritant				
Conclusion/Summary					
Skin	: M	ixture.Not fu	lly tested.		
Eyes	: M	ixture.Not fu	lly tested.		
Respiratory	: M	ixture.Not fu	lly tested.		
<u>Sensitization</u>					
Conclusion/Summary					
Skin	: M	ixture.Not fu	lly tested.		
Respiratory	: M	ixture.Not fu	lly tested.		
Mutagenicity					
Conclusion/Summary	: M	ixture.Not fu	lly tested.		
Carcinogenicity					
Conclusion/Summary	: M	ixture.Not fu	lly tested.		
<u>Classification</u>			-		
Product/ingredient	OSHA	IARC	NTP		
name					
Styrene		2B	Reason	ably anticipated to	be a human carcinogen.
Titanium dioxide		2B		-	
2-Propenenitrile, polymer		3			
with Ethenylbenzene	1	1	1		

Reproductive toxicity



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 10 of 18 Print Date 09/22/2018

Conclusion/Summary : Mixture.Not fully tested.

Teratogenicity

Conclusion/Summary

: Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Formamide, N,N'-1,6-	Category 3		Respiratory tract irritation
hexanediylbis[N-(2,2,6,6-			
tetramethyl-4-piperidinyl)-			

Specific	target or	gan toxicity	v (repeated	exposure)
Specific	an Set of	Juli toment	(I epeated	(chpobul c)

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, c	hemi	ical and toxicological characteristics		
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				
Potential immediate effects	:	Not available.		
Potential delayed effects	:	Not available.		
•				
Long term exposure				



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 11 of 18 Print Date 09/22/2018

Potential immediate effects Potential delayed effects	:	Not available. 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.
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	:	No known significant effects or critical hazards.

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Styrene			
	Acute LC50 4.02 Mg/l Fresh water	Fish - Fish	96 h
Remarks - Acute - Fish:	Acute		
	Acute EC50 0.0047 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute LC50 52 Mg/l Marine water	Aquatic invertebrates. Crustaceans	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		
	Acute EC50 1.4 Mg/l Fresh water	Aquatic plants - Algae	72 h
Remarks - Acute - Aquatic plants:	Acute		
	Acute EC50 0.72 Mg/l Fresh water	Aquatic plants - Algae	96 h
Remarks - Acute - Aquatic plants:	Acute		



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 12 of 18 Print Date 09/22/2018

	Acute NOEC 0.063 Mg/l Fresh	Aquatic plants - Algae	96 h
	water		
Remarks - Acute - Aquatic plants:	Chronic		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		
Aquatic invertebrates.:			
Formamide, N,N'-1,6-hexaned	liylbis[N-(2,2,6,6-tetramethyl-4-piperio	dinyl)-	
Remarks - Acute - Fish:	No applicable toxicity data		
Remarks - Acute - Aquatic	No applicable toxicity data		
invertebrates.:			
Remarks - Acute - Aquatic plants:	No applicable toxicity data		
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.:			40.1
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
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.:			
2-Propenenitrile, polymer with			
Remarks - Acute - Fish:	No applicable toxicity data		
Remarks - Acute - Aquatic	No applicable toxicity data		
invertebrates.:			
Remarks - Acute - Aquatic	No applicable toxicity data		
plants:	No applicable territive data		
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		
Aquatic invertebrates.: UV CURBELL/LAIRD BR G	L REEN ABS		
Remarks - Acute - Aquatic	Chemicals are not readily available a	as they are bound within the	nolymer matrix
Remarks - Acute - Aquatic	T Chemicals are not readily available a	is mey are bound wrunn the	ρ_{0} polymer illaultx.



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 13 of 18 Print Date 09/22/2018

invertebrates.:		
Conclusion/Summary	:	Chemicals are not readily available as they are bound within the polymer matrix.
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

Product/ingredient name	LogPow	BCF	Potential
Styrene	0.35	13.49	low
Formamide, N,N'-1,6-	0.8	-	low
hexanediylbis[N-(2,2,6,6-tetramethyl-			
4-piperidinyl)-			

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 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



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 14 of 18 Print Date 09/22/2018

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

 United States - TSCA 4(f) - Priority risk review: Not listed United States - TSCA 5(a)2 - Final significant new use rules: N 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) - Chemical Data Reporting (CDR): I determined United States - TSCA 8(a) - Preliminary assessment report 	
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): I determined	ıt
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): I determined	:
(PAIR): Not listed United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed	1
United States - TSCA 8(d) - Health and safety studies: Not liste United States - EPA Clean water act (CWA) section 307 - Prior pollutants: Listed Phthalocyanine green Acrylonitrile	



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0	Page 15 of 18
Revision Date 09/21/2018	Print Date 09/22/2018

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

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

Not applicable.

:

Composition/information on ingredients

Name	%	Classification
Styrene	0 - 0.3	F, AH, CH
Formamide, N,N'-1,6- hexanediylbis[N-(2,2,6,6- tetramethyl-4-piperidinyl)-	5 - 10	АН
Titanium dioxide	10 - 25	СН
2-Propenenitrile, polymer with Ethenylbenzene	50 - 75	АН

SARA 313

	Product name	CAS number	%
Form R - Reporting	Styrene	100-42-5	0 - 0.3
requirements			
Supplier notification	Styrene	100-42-5	0 - 0.3

<u>PolyOne</u>

UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 16 of 18 Print Date 09/22/2018

SARA 313 notifications must not be d	etached from the SDS and any copying and redistribution of the SDS shall
include copying and redistribution of t	he notice attached to copies of the SDS subsequently redistributed.
State regulations	
Massachusetts	: None of the components are listed.
New York	: The following components are listed:
	Styrene
New Jersey	: The following components are listed:
	Styrene
	Titanium dioxide
N 1 1	2-Propenenitrile, polymer with Ethenylbenzene
Pennsylvania	: The following components are listed:
	Styrene
	Titanium dioxide
California Prop. 65	
WARNING: This product contains a c	hemical known to the State of California to cause cancer.
United States inventory (TSCA 8b)	: All components are listed or exempted.
Cinted States inventory (ISCA 60)	, An components are instea of exempted.
Canada inventory	: At least one component is not listed in DSL but all such components
	are listed in NDSL.
International regulations	
Inventory list	
Australia	: Not determined.
Canada	: At least one component is not listed in DSL but all such components
	are listed in NDSL.
China	: Not determined.
Europe inventory	: At least one component is not listed in EINECS but all such
	components are listed in ELINCS.
	Please contact your supplier for information on the inventory status of this material.
Japan	Not determined.
New Zealand	Not determined.
Philippines	Not determined.
Republic of Korea	All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Turkey	: Not determined.
United States	: All components are listed or exempted.

UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 17 of 18 Print Date 09/22/2018

Section 16. Other information

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

Health	/	0
Flammability		0
Physical hazards		

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		
Date of printing	:	09/22/2018
Date of issue/Date of revision	:	09/21/2018
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.
	•	

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. 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



UV CURBELL/LAIRD BR GREEN ABS

Version Number 1.0 Revision Date 09/21/2018 Page 18 of 18 Print Date 09/22/2018

materials or in any process, unless specified in the text.