

### KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 1 of 16 Print Date 11/23/2018

# SAFETY DATA SHEET

#### KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Section 1. Identification			
GHS product identifier Chemical name CAS number Other means of identification Product type	:	KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1 Mixture Mixture CC10287614 solid	
Relevant identified uses of the subs Product use	tance :	e or mixture and uses advised against Industrial applications. Plastics.	
Supplier's details	:	<b>POLYONE CORPORATION</b> 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.
		1/16



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

:

Version Number 1.0 Revision Date 07/24/2018 Page 2 of 16 Print Date 11/23/2018

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	:	CC10287614

CAS number/other identifiers

Ingredient name	%	CAS number
2-(2-Hydroxy-5-tert-octylphenyl)benzotriazole	1 - 3	3147-75-9
Titanium dioxide	0.3 - 1	13463-67-7
Carbon black	0.3 - 1	1333-86-4

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

## Section 4. First aid measures

Description of necessary first aid measures



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0	Page 3 of 16
Revision Date 07/24/2018	Print Date 11/23/2018

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. 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 Inhalation Skin contact	:	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion Over-exposure signs/symptoms	:	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	entio	n 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.

See toxicological information (Section 11)



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 4 of 16 Print Date 11/23/2018

## **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 halogenated compounds
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

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.
---------------	---	---



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

:

Version Number 1.0	Page 5 of 16
Revision Date 07/24/2018	Print Date 11/23/2018

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	
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	
Carbon black	OSHA PEL 1989 (1989-03-01) TWA 3.5 mg/m3 OSHA PEL (1993-06-30)	
5/16		



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 6 of 16 Print Date 11/23/2018

		TWA 3.5 mg/m3 <b>NIOSH REL (1994-06-01)</b> TWA 3.5 mg/m3 TWA 0.1 mgPAH/m <sup>3</sup> <b>ACGIH TLV (2010-12-06)</b> TWA 3 mg/m3 Form: Inhalable fraction
2-(2-Hydroxy-5-tert- octylphenyl)benzotriazole		None.
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 6/16



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 7 of 16 Print Date 11/23/2018

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	:	BLACK
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		<b>Upper:</b> 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	-	<b>Dynamic:</b> Not available.
v iscosity	•	Kinematic: Not available.
		Kinemane: 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.



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 8 of 16 Print Date 11/23/2018

Incompatible materials:Keep away from strong acids.<br/>Oxidizer.Hazardous decomposition<br/>products:Under normal conditions of storage and use, hazardous decomposition<br/>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	
Titanium dioxide					
Remarks - Oral:	No applicable toxi	No applicable toxicity data			
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h	
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-	
Carbon black					
	LD50 Oral	Rat	15,400 mg/kg	-	
<b>Remarks - Inhalation:</b>	No applicable toxicity data				
<b>Remarks - Dermal:</b>	No applicable toxicity data				
2-(2-Hydroxy-5-tert-octylphen	yl)benzotriazole				
	LD50 Oral	Rat	1,000 mg/kg	-	
<b>Remarks - Inhalation:</b>	No applicable toxicity data				
<b>Remarks - Dermal:</b>	No applicable toxicity data				
Conclusion/Summary	: Mixture.Not fully tested.				

#### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation	
Titanium dioxide	Skin - Mild	Human		72 hrs	-	
	irritant					
Conclusion/Summary	•				·	
Skin	: N	lixture.Not fu	Illy tested.			
Eyes	: N	lixture.Not fu	illy tested.			
Respiratory	: Mixture.Not fully tested.					
<u>Sensitization</u> Conclusion/Summary						
Skin	: N	lixture.Not fu	Illy tested.			
Respiratory		lixture.Not fu	•			
		8/1	6			



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 9 of 16 Print Date 11/23/2018

<u>Mutagenicity</u>			
Conclusion/Summary	: 1	Mixture.Not fully	tested.
<b>Carcinogenicity</b>			
Conclusion/Summary Classification	: N	Mixture.Not fully	tested.
Product/ingredient name	OSHA	IARC	NTP
Titanium dioxide		2B	
Carbon black		2B	· · · · · · · · · · · · · · · · · · ·
<u>Reproductive toxicity</u> Conclusion/Summary	: N	Mixture.Not fully	tested.
<u>Teratogenicity</u>			
<b>Conclusion/Summary</b>	: N	Mixture.Not fully	tested.
Specific target organ toxicity Not available.	v (single expos	<u>ure)</u>	
<b>Specific target organ toxicity</b> Not available.	v (repeated exp	<u>oosure)</u>	
<u>Aspiration hazard</u> Not available.			
Information on likely routes exposure	of : N	Not available.	
Potential acute health effects			
Eye contact Inhalation Skin contact Ingestion	1 : 1	No known signific No known signific	cant effects or critical hazards. cant effects or critical hazards. cant effects or critical hazards. cant effects or critical hazards.
Symptoms related to the phys	sical, chemical	and toxicologica	al characteristics
Eye contact Inhalation		lo specific data. lo specific data.	



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 10 of 16 Print Date 11/23/2018

No specific data.
as chronic effects from short and long-term exposure
Not available.
Not available.
Not available.
Not available.
Mixture.Not fully tested.
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.
No known significant effects or critical hazards.
No known significant effects or critical hazards.

\_\_\_\_\_, ....

Not available.

## Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
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	



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 11 of 16 Print Date 11/23/2018

Remarks - Acute - Aquatic	Acute			
invertebrates.:				
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates.48 hDaphnia		
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.:				
Carbon black				
Remarks - Acute - Fish:	No applicable toxicity data	1		
	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.:				
2-(2-Hydroxy-5-tert-octylphen				
Remarks - Acute - Fish:	No applicable toxicity data			
Remarks - Acute - Aquatic	No applicable toxicity data			
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.:				
KU9B9 SATIN SCHWARZ/P				
Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily available	as they are bound within the polymer matrix.		
Conclusion/Summary		ily available as they are bound within the		
	polymer matrix.			
Persistence and degradability	<u>v</u>			
Conclusion/Summary	: Chemicals are not read polymer matrix.	ily available as they are bound within the		
	porymer maura.			
Conclusion/Summary	: Chemicals are not read polymer matrix.	ily available as they are bound within the		



### KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

•

:

Version Number 1.0 Revision Date 07/24/2018 Page 12 of 16 Print Date 11/23/2018

#### **Bioaccumulative potential**

Not available.

Mobility in soil

Soil/water partition coefficient (KOC) Other adverse effects Not available.

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.
International Air ICAO/IATA	:	Not classified as dangerous goods under transport regulations.
International Water IMO/IMDG	:	Not classified as dangerous goods under transport regulations.



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 13 of 16 Print Date 11/23/2018

## Section 15. Regulatory information

U.S. Federal regulations	:	<ul> <li>United States - TSCA 12(b) - Chemical export notification: None of the components are listed.</li> <li>United States - TSCA 4(a) - Final Test Rules: Not listed</li> <li>United States - TSCA 4(a) - ITC Priority list: Not listed</li> <li>United States - TSCA 4(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 5(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 5(a) - 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 determined</li> <li>United States - TSCA 8(a) - Preliminary assessment report</li> <li>(PAIR): Not listed</li> <li>United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Ethyl benzene</li> <li>Rutile, antimony chromium buff</li> <li>Acrylonitrile</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> <li>United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed</li> </ul>
		Not listed
Hazardous Air Pollutants (HAPs)	:	Listed
Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II Substances	:	Not listed



### KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 14 of 16 Print Date 11/23/2018

DEA List I Chemicals (Precursor:Not listedChemicals):Not listedDEA List II Chemicals (Essential:Not listedChemicals)::

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

not applicable

#### SARA 311/312

Classification

Not applicable.

:

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

Name	%	Classification
Titanium dioxide	0.3 - 1	СН
Carbon black	0.3 - 1	СН
2-(2-Hydroxy-5-tert- octylphenyl)benzotriazole	1 - 3	АН

SARA 313

Not applicable.

State regulations	
Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: The following components are listed: Carbon black Titanium dioxide
Pennsylvania	: The following components are listed: Titanium dioxide
	Carbon black

#### California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

United States inventory (TSCA 8b)	:	All components are listed or exempted.
Canada inventory	:	All components are listed or exempted.
International regulations		



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

Version Number 1.0 Revision Date 07/24/2018 Page 15 of 16 Print Date 11/23/2018

#### **Inventory list**

Australia	:	All components are listed or exempted.
Canada	:	All components are listed or exempted.
China	:	Not determined.
Europe inventory	:	All components are listed or exempted.
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.

### 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

Date of printing	:	11/23/2018
Date of issue/Date of revision	:	07/24/2018
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



## KU9B9 SATIN SCHWARZ/PULSE GX70 V.U.V.1.1

:

Version Number 1.0 Revision Date 07/24/2018 Page 16 of 16 Print Date 11/23/2018

Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations Not available.

References

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