Version Number 1.1 Revision Date 05/04/2020



Page 1 of 16 Print Date 12/20/2024

# SAFETY DATA SHEET

### TYS 1198 P SHARKSHIN GRAY 1BW55

Section 1. Identification				
GHS product identifier Chemical name CAS number Other means of identification Product type	:	TYS 1198 P SHARKSHIN GRAY 1BW55 Mixture Mixture EM10040764 solid		
<u>Relevant identified uses of the subs</u> Product use	stance :	or mixture and uses advised against Industrial applications. Plastics.		
Supplier's details	:	GEON Performance Solutions LLC 33587 Walker Road, Avon Lake, OH 44012		
Emergency telephone number (with hours of operation)	:	1-800-GET-GEON or 1-800-438-4366 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 Hazard statements	:	No signal word. No known significant effects or critical hazards.

1/16

Version Number 1.1 Revision Date 05/04/2020 Page 2 of 16 Print Date 12/20/2024

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#### **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.
		Not available.

## Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	EM10040764

#### CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	1 - 3	13463-67-7
Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	0 - 0.3	8007-18-9

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

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.



Version Number 1.1 Revision Date 05/04/2020	Page 3 of 16 Print Date 12/20/2024
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/offacts agut	a and deleved

#### 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

Notes to physician Specific treatments	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> <li>No specific treatment.</li> </ul>
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

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 may include the following materials:
decomposition products		carbon dioxide carbon monoxide
		carbon monoxide
		3/16



Version Number 1.1	Page 4 of 16
Revision Date 05/04/2020	Print Date 12/20/2024

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 Methods and materials for containme	: nt ai	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).
wrethous and materials for containine	ni a	
Small spill Large 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. Move containers from spill area. Prevent entry into sewers, water
Par Pe shu	•	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	:	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational	:	Eating, drinking and smoking should be prohibited in areas where this
hygiene		material is handled, stored and processed. Workers should wash hands



Version Number 1.1	Page 5 of 16
Revision Date 05/04/2020	Print Date 12/20/2024

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
Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	OSHA PEL 1989 (1989-03-01) TWA 1 mg/m3 (as Ni) OSHA PEL (1993-06-30) TWA 1 mg/m3 (as Ni) ACGIH TLV (1998-09-01) TWA 0.2 mg/m3 (as Ni) Form: Inhalable fraction

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.

Version Number 1.1 Revision Date 05/04/2020

#### Page 6 of 16 Print Date 12/20/2024

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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 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 Color	:	solid [Pellets.] GREY
Odor	:	Not available.
Odor threshold	:	Not available.
pH	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.

6/16

Version Number 1.1 Revision Date 05/04/2020 Page 7 of 16

GEON

**Performance Solutions** 

Print Date 12/20/2024

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	:	Not available.
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.

#### Aerosol product

:	Not available. Not available.
:	Not available.
	Not available.
•	
:	Not available.
:	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

Version Number 1.1 Revision Date 05/04/2020

Page 8 of 16 Print Date 12/20/2024

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				
Remarks - Oral:	No applicable toxic	No applicable toxicity data						
Remarks - Inhalation:	No applicable toxic	No applicable toxicity data						
Remarks - Dermal:	No applicable toxic	No applicable toxicity data						
Titanium dioxide								
Remarks - Oral:	No applicable toxic	No applicable toxicity 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
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	: N	lixture.Not fu	Illy tested.		
<u>Sensitization</u>					
Conclusion/Summary			11 1		
Skin		lixture.Not fu	•		
Respiratory	: N	lixture.Not fu	illy tested.		
<b>Mutagenicity</b>					
Conclusion/Summary	: N	lixture.Not fu	illy tested.		
<b>Carcinogenicity</b>					
Conclusion/Summary	: N	lixture.Not fu	illy tested.		
<b><u>Classification</u></b>					

Product/ingredient name	OSHA	IARC	NTP
Nickel antimony yellow	-	1	Known to be a human carcinogen.



Version Number 1.1 Revision Date 05/04/2020 Page 9 of 16 Print Date 12/20/2024

	-			
rutile (C.I. Pigment Yellow				
53)				
Titanium dioxide	-	2B	-	
<b><u>Reproductive toxicity</u></b>				
Conclusion/Summary	:	Mixture.Not fully	tested.	
<u>Teratogenicity</u>				
Conclusion/Summary	:	Mixture.Not fully	tested.	
Specific target organ toxicity (	single expo	sure)		
Not available.		<u></u>		
Specific target organ toxicity (	repeated ex	xposure)		
Not available.	- opened to	<u></u>		
Aspiration hazard				
Not available.				
Tufounding on libely worder o	e .	Net and lable		
Information on likely routes o exposure	f :	Not available.		
Potential acute health effects				
Eye contact	:	No known signific	ant effects or critical hazards.	
Inhalation	:		ant effects or critical hazards.	
Skin contact	:	No known signific	ant effects or critical hazards.	
Ingestion	:	No known signific	ant effects or critical hazards.	
Symptoms related to the physi	ical, chemic	al and toxicologica	ll characteristics	
		-	—	
Eye contact Inhalation	:	No specific data.		
	•	No specific data.		
Skin contact	:	No specific data.		
Ingestion	:	No specific data.		
Delayed and immediate effects	s as well as	chronic effects from	m short and long-term exposu	<u>ire</u>
Short term exposure				
Short term exposure				

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



Version Number 1.1 Revision Date 05/04/2020



Page 10 of 16 Print Date 12/20/2024

Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
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.
Numerical measures of toxicity		

## Acute toxicity estimates

Not available.

## Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure				
Nickel antimony yellow rutile	(C.I. Pigment Yellow 53)		· -				
Remarks - Acute - Fish:	No applicable toxicity data	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.:							
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						

Version Number 1.1 Revision Date 05/04/2020 Page 11 of 16 Print Date 12/20/2024

invertebrates.:						
	Acute LC5	0 6.5 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
Remarks - Acute - Aquatic invertebrates.:	Acute					
Remarks - Acute - Aquatic plants:	No applicable toxicity data					
Remarks - Chronic - Fish:	No applica	ble toxicity data				
Remarks - Chronic - Aquatic invertebrates.:	No applica	ble toxicity data				
TYS 1198 P SHARKSHIN GR	AY 1BW55					
Remarks - Acute - Aquatic invertebrates.:	Chemicals	Chemicals are not readily available as they are bound within the polymer matrix.				
Conclusion/Summary Persistence and degradability	:	Chemicals are not readi polymer matrix.	ly available as they are bou	ind within the		
reisistenee una aegraausine,						
Conclusion/Summary	:	Chemicals are not readi polymer matrix.	ly available as they are bou	nd within the		
			ly available as they are bou	nd within the		
Conclusion/Summary Bioaccumulative potential			ly available as they are bou	nd within the		
Conclusion/Summary <u>Bioaccumulative potential</u> Not available.	:		ly available as they are bou	ind within the		

### 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
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Version Number 1.1 Revision Date 05/04/2020 Page 12 of 16 Print Date 12/20/2024

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	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

## 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)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 8(a) - Chemical risk rules: Not listed</li> <li>United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not</li> </ul>
		United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed
		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
		12/16





Version Number 1.1	Page 13 of 16
Revision Date 05/04/2020	Print Date 12/20/2024

United States - EPA Clean water act (CWA) section 307 - Priority<br/>pollutants: Listed Nickel antimony yellow rutile (C.I. Pigment<br/>Yellow 53)United States - EPA Clean water act (CWA) section 311 -<br/>Hazardous substances: Listed<br/>United States - EPA Clean air act (CAA) section 112 - Accidental<br/>release prevention - Flammable substances: Not listed<br/>United States - EPA Clean air act (CAA) section 112 - Accidental<br/>release prevention - Flammable substances: Not listed<br/>United States - Department of commerce - Precursor chemical:<br/>Not listedClean Air Act Section 112(b)<br/>Hazardous Air Pollutants (HAPs):Listed:Substances:Not listed:Substances:Not listed:

Clean An Act Section 112(0)	•	Listeu
Hazardous Air Pollutants (HAPs)		
Clean Air Act Section 602 Class I	:	Not listed
Substances		
Clean Air Act Section 602 Class II	:	Not listed
Substances		
<b>DEA List I Chemicals (Precursor</b>	:	Not listed
Chemicals)		
DEA List II Chemicals (Essential	:	Not listed
Chemicals)		

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

not applicable

SARA 311/312

Classification

Not applicable.

:

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

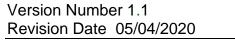
No products were found.

Name	%	Classification
Titanium dioxide	>= 1 - <= 3	CARCINOGENICITY - Category 2
Nickel antimony yellow	> 0 - <= 0.3	CARCINOGENICITY - Category 1A
rutile (C.I. Pigment Yellow		
53)		

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

#### Form R - Reporting requirements

Product name	CAS number	%
	10/10	





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Print Date 12/20/2024

Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	8007-18-9	> 0 - <= 0.3

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:
	Nickel antimony yellow rutile (C.I. Pigment Yellow 53)
	Titanium dioxide
Pennsylvania	: The following components are listed:
	Titanium dioxide
	Nickel antimony yellow rutile (C.I. Pigment Yellow 53)

#### California Prop. 65

**WARNING:** This product can expose you to chemicals including Nickel antimony yellow rutile (C.I. Pigment Yellow 53), 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
Titanium dioxide	-	-
Nickel antimony yellow rutile (C.I. Pigment Yellow 53)	-	-

United States inventory (TSCA 8b)	:	All components are active or 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 Canada	:	Not determined. At least one component is not listed in DSL but all such components are listed in NDSL.
China Europe inventory Japan New Zealand	::	Not determined. All components are listed or exempted. Not determined. Not determined.

14/16

Version Number 1.1 Revision Date 05/04/2020 Page 15 of 16 Print Date 12/20/2024

Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are active or exempted.

### **Section 16. Other information**

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



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>Illstol y</u>		
Date of printing	:	12/20/2024
Date of issue/Date of revision	:	05/04/2020
Date of previous issue	:	12/13/2018
Version	:	1.1
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



Version Number 1.1 Revision Date 05/04/2020 Page 16 of 16 Print Date 12/20/2024

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.



2020