Version Number 1.1 Revision Date 01/15/2020



Page 1 of 16 Print Date 12/19/2024

SAFETY DATA SHEET

20696-01 EXPE9293 WHITE 1000 (RC006)

Section 1. Identification	on	
GHS product identifier Chemical name CAS number Other means of identification Product type	:	20696-01 EXPE9293 WHITE 1000 (RC006) Mixture Mixture VC10011729 solid
	tance :	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 (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 for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions.After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	COMBUSTIBLE DUSTS
GHS label elements		
Signal word Hazard statements	:	Warning May form combustible dust concentrations in air.

Version Number 1.1 Revision Date 01/15/2020 Page 2 of 16 Print Date 12/19/2024

Precautionary statements

General	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	Keep container tightly closed.
Hazards not otherwise classified	:	None known.
		Not available.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	VC10011729

CAS number/other identifiers

Ingredient name	%	CAS number
Titanium dioxide	0.3 - 1	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.

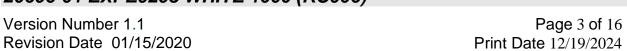
Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position
0/10		





GEON

Performance Solutions

		and get medical attention immediately. Maintain an open airway.
		Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated
		clothing and shoes. Get medical attention if symptoms occur. Wash
		clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person
		feels sick as vomiting may be dangerous. Do not induce vomiting
		unless directed to do so by medical personnel. If vomiting occurs, the
		head should be kept low so that vomit does not enter the lungs. Get
		medical attention if adverse health effects persist or are severe. Never
		give anything by mouth to an unconscious person. If unconscious,
		place in recovery position and get medical attention immediately.
		Maintain an open airway. Loosen tight clothing such as a collar, tie,
		belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects		
Eye contact	:	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
Inhalation	:	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Over-exposure signs/symptoms		
Eye contact	:	Adverse symptoms may include the following: irritation redness
Inhalation	:	Adverse symptoms may include the following: respiratory tract irritation coughing
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medical attention and special treatment needed, if necessary		
Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.
		3/16

:

Version Number 1.1 Revision Date 01/15/2020 Page 4 of 16 Print Date 12/19/2024

Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	Use dry chemical powder. Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
Specific hazards arising from the chemical	:	May form explosible dust-air mixture if dispersed.
Hazardous thermal decomposition products	:	May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire- exposed containers cool.
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	:	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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.



Version Number 1.1

Revision Date 01/15/2020

SAFETY DATA SHEET 20696-01 EXPE9293 WHITE 1000 (RC006)



Page 5 of 16

Print Date 12/19/2024

		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 conta	<u>inment a</u>	nd cleaning up
Small spill	:	Move containers from spill area. Use spark-proof tools and explosion- proof equipment. 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. Use spark-proof tools and explosion- proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid
		creating dusty conditions and prevent wind dispersal. 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). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	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.

Version Number 1.1	Page 6 of 16
Revision Date 01/15/2020	Print Date 12/19/2024

Conditions for safe storage, including any incompatibilities Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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			
Appropriate engineering controls Environmental exposure controls	:	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. 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	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end 6/16			





Version Number 1.1	Page 7 of 16
Revision Date 01/15/2020	Print Date 12/19/2024

Eye/face protection	 of the working period. Appropriate techniques should be use remove potentially contaminated clothing. Wash contaminate clothing before reusing. Ensure that eyewash stations and sa showers are close to the workstation location. Safety eyewear complying with an approved standard should when a risk assessment indicates this is necessary to avoid e liquid splashes, mists, gases or dusts. If contact is possible, t following protection should be worn, unless the assessment higher degree of protection: safety glasses with side-shields. operating conditions cause high dust concentrations to be pruse dust goggles. 	ed fety d be used xposure to he indicates a If
Skin protection		
Hand protection	: Chemical-resistant, impervious gloves complying with an ap standard should be worn at all times when handling chemica if a risk assessment indicates this is necessary. Considering to parameters specified by the glove manufacturer, check durin the gloves are still retaining their protective properties. It sho noted that the time to breakthrough for any glove material m different for different glove manufacturers. In the case of mi consisting of several substances, the protection time of the g cannot be accurately estimated.	I products the ng use that ould be nay be xtures,
Body protection	 Personal protective equipment for the body should be selected on the task being performed and the risks involved and shou 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 involved and should be approved by a specialist before hand product. 	e risks
Respiratory protection	 Based on the hazard and potential for exposure, select a resp meets the appropriate standard or certification. Respirators r used according to a respiratory protection program to ensure fitting, training, and other important aspects of use. 	nust be

Section 9. Physical and chemical properties

Appearance

Physical state	:	solid [Powder.]
Color	:	WHITE
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.

Version Number 1.1 Revision Date 01/15/2020 Page 8 of 16 Print Date 12/19/2024

GEON

Performance Solutions

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	:	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.
<u>Aerosol product</u>		
Heat of combustion	:	Not available.
Ignition distance	:	Not available.
Enclosed space ignition - Time	:	Not available.
equivalent		
Enclosed space ignition -	:	Not available.

Section 10. Stability and reactivity

Deflagration density Flame height

Flame duration

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	:	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust

Not available.

Not available.

:

:



Page 9 of 16 Version Number 1.1 Revision Date 01/15/2020 Print Date 12/19/2024

Incompatible materials	:	accumulation. Avoid contact with acetal homopolymers and acetyl homopolymers during processing. Reactive or incompatible with the following materials: oxidizing materials
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
Titanium dioxide				
Remarks - Oral:	No applicable toxi	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

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	lly tested.		
Eyes	: N	/lixture.Not fu	lly tested.		
Respiratory	: N	/lixture.Not fu	lly tested.		
Conclusion/Summary Skin		/lixture.Not fu	•		
Respiratory	: N	Aixture.Not fu	lly tested.		
Mutagenicity					
Conclusion/Summary	: N	/lixture.Not fu	lly tested.		
Carcinogenicity					



Version Number 1.1	Page 10 of 16
Revision Date 01/15/2020	Print Date 12/19/2024

Conclusion/Summary	:	Mixture.No	lot fully tested.
Classification			
Product/ingredient name	OSHA	IARC	NTP
Titanium dioxide	-	2B	-
Reproductive toxicity			
Conclusion/Summary	:	Mixture.No	lot fully tested.
Teratogenicity			
Conclusion/Summary	:	Mixture.No	lot fully tested.
Specific target organ toxicity (Not available.	single expo	osure)	
Specific target organ toxicity (Not available.	repeated ex	<u>xposure)</u>	
Aspiration hazard Not available.			
Information on likely routes o exposure	f :	Not availat	ble.
Potential acute health effects			
Eye contact	:		to airborne concentrations above statutory or recommended imits may cause irritation of the eyes.
Inhalation	:	Exposure to	to airborne concentrations above statutory or recommended imits may cause irritation of the nose, throat and lungs.
Skin contact	:		significant effects or critical hazards.
Ingestion	:	No known	significant effects or critical hazards.
Symptoms related to the physi	ical, chemic	cal and toxic	icological characteristics
Eye contact	:	Adverse sy	ymptoms may include the following: irritation, redness
Inhalation	:	•	ymptoms may include the following: respiratory tract
		irritation, c	
Skin contact	:	No specific	
Ingestion	:	No specific	c data.

Version Number 1.1 Revision Date 01/15/2020



Page 11 of 16

Print Date 12/19/2024

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 **Potential immediate effects** Not available. : **Potential delayed effects** Not available. : **Potential chronic health effects Conclusion/Summary** Mixture.Not fully tested. : General Repeated or prolonged inhalation of dust may lead to chronic : respiratory irritation. Carcinogenicity No known significant effects or critical hazards. : No known significant effects or critical hazards. Mutagenicity : 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
Titanium dioxide			
	Acute LC50 > 1,000 Mg/l Marine water	Fish - Fish	96 h
Remarks - Acute - Fish:	Acute		
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute		

Version Number 1.1 Revision Date 01/15/2020 Page 12 of 16 Print Date 12/19/2024

	Acute LC50	6.5 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
Remarks - Acute - Aquatic invertebrates.:	Acute			
Remarks - Acute - Aquatic plants:	No applicabl	No applicable toxicity data		
Remarks - Chronic - Fish:	No applicabl	le toxicity data		
Remarks - Chronic - Aquatic invertebrates.:	No applicabl	No applicable toxicity data		
Conclusion/Summary	:	Not available.		
<u>Persistence and degradability</u> Conclusion/Summary Bioaccumulative potential	:	Not available.		
Not available.				
<u>Mobility in soil</u>				
Soil/water partition coefficient (KOC)	ent :	Not available.		
Other adverse effects	:	No known significant e	ffects 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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



Version Number 1.1 Revision Date 01/15/2020 Page 13 of 16 Print Date 12/19/2024

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	: 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 5(a)2 - Final 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: Listed
	Fatty acids, tall-oil, 2-mercaptoethyl esters, reaction products
	with dichlorodimethylstannane, 2-mercaptoethyl oleate, sodium
	sulfide (Na2S) and trichloromethylstannane
	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(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
	13/16





United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Vinyl chloride monomer 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

		1 tot libiou
Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs)		
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	:	Not listed
Chemicals)		

US. EPA CERCLA Hazardous Substances (40 CFR 302)

•

not applicable

SARA 311/312

Classification

COMBUSTIBLE DUSTS

Composition/information on ingredients

Name	%	Classification
Titanium dioxide	>= 0.3 - <= 1	CARCINOGENICITY - Category 2
Ethene, chloro-, homopolymer	>= 75 - <= 90	COMBUSTIBLE DUSTS

Not applicable.

New York :	None of the components are listed. None of the components are listed. The following components are listed:
------------	--

14/16



1

Version Number 1.1 Revision Date 01/15/2020 Page 15 of 16 Print Date 12/19/2024

Ethene, chloro-, homopolymer Calcium carbonate Titanium dioxide
The following components are listed: Titanium dioxide

Calcium carbonate

<u>California Prop. 65</u>

Pennsylvania

WARNING: This product can expose you to Titanium dioxide, which is 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	-	-

United States inventory (TSCA 8b) : All components are active or exempted.

:

Canada inventory

Not determined.

International regulations

Inventory list

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe inventory	: Not determined.
Japan	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Turkey	: Not determined.
United States	: All components are active or exempted.

Section 16. Other information

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

Health	/	0
Flammability		3
Physical hazards		0





Version Number 1.1	Page 16 of 16
Revision Date 01/15/2020	Print Date 12/19/2024

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>IIIStol y</u>		
Date of printing	:	12/19/2024
Date of issue/Date of revision	:	01/15/2020
Date of previous issue	:	02/10/2017
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 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.