# **SAFETY DATA SHEET**



Date of issue/Date of revision7 November 2021Version 5

Section 1. Identification	
Product name	: SIGMAZINC 158 H PIGMENT GREY
Product code	: 00421355
Other means of identification	: Not available.
Product type	: Powder.
Relevant identified uses of	the substance or mixture and uses advised against
Product use	: Professional applications, Used by spraying.
Use of the substance/ mixture	: Coating.
Uses advised against	: Not applicable.
Manufacturer	: PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272
<u>Emergency telephone</u> <u>number</u>	: (412) 434-4515 (U.S.) (514) 645-1320 (Canada) SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México)
Technical Phone Number	: 888-977-4762

# Section 2. Hazards identification

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
	Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 98.5% (oral), 98.5% (dermal)
GHS label elements	
Signal word	: Warning
Hazard statements	: May form combustible dust concentrations in air.
Precautionary statements	
Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.
Disposal	: Not applicable.

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### Section 2. Hazards identification

Supplemental label elements	: Keep container tightly closed. Keep away from heat, sparks, open flames and hot surfaces No smoking. Sanding and grinding dusts may be harmful if inhaled. Prevent dust accumulation. Dried Film of This Paint May Be Harmful If Eaten or Chewed. Contains lead. Exposure to lead dust and fumes adversely affects blood and blood forming tissues, kidneys, liver, the central/peripheral nervous systems and male/female reproductive organs. Lead exposure causes adverse developmental effects including brain damage in children and unborn fetuses. Emits toxic fumes when heated.
Hazards not otherwise classified	<ul> <li>Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.</li> </ul>

### Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Product name	: SIGMAZINC 158 H PIGMENT GRE

Ingredient name	%	CAS number
zinc oxide	≤1.8	1314-13-2
lead massive	<0.10	7439-92-1

SUB codes represent substances without registered CAS Numbers.

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

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

### Description of necessary first aid measures

Eye contact	<ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.</li> </ul>
Inhalation	: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin contact	: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
Ingestion	: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

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.

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# Section 4. First aid measures

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/symp	<u>otoms</u>	
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.	
ndication of immediate me	dical attention and special treatment needed, if necessary	
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>	
Specific treatments	: No specific treatment.	
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. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical powder.
Unsuitable extinguishing media	: Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.
Specific hazards arising from the chemical	: Fine dust clouds may form explosive mixtures with air. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: metal oxide/oxides oxides of lead
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.

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### 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. 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 co	nt	ainment and 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.
Special precautions	Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. Do not apply on toys and other children's articles, furniture, or interior surfaces of any dwelling or facility which may be occupied or used by children. Do not apply on exterior surfaces of dwelling units, such as window sills, porches, stairs, or railings, to which children may be commonly exposed. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

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### Section 7. Handling and storage

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.
Conditions for safe storage, including any incompatibilities	: Store between the following temperatures: 0 to 35°C (32 to 95°F). 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		
Zínc oxide	OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Fume TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust ACGIH TLV (United States, 1/2021). STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Respirable fraction TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction ACGIH TLV (United States, 1/2021). TWA: 0.05 mg/m <sup>3</sup> , (as Pb) 8 hours. OSHA PEL (United States, 5/2018).		
	TWA: 50 μg/m³, (as Pb) 8 hours. <b>OSHA PEL (United States).</b> TWA: 50 μg/m³		
Key to abbreviatior	15		
A       = Acceptable Maximum Peak         ACGIH       = American Conference of Governmental Industrial Hygienists.         C       = Ceiling Limit         F       = Fume	S= Potential skin absorptionSR= Respiratory sensitizationSS= Skin sensitizationSTEL= Short term Exposure limit values		

TD

TLV

TWA

= Total dust

= Threshold Limit Value

= Time Weighted Average

IPEL = Internal Permissible Exposure Limit

- OSHA = Occupational Safety and Health Administration.
- R = Respirable

Z = OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

Consult local authorities for acceptable exposure limits.

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# Section 8. Exposure controls/personal protection

Recommended monitoring procedures	:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
Appropriate engineering 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.
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 measur	es	
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 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
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	:	Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The respiratory protection shall be in accordance to 29 CFR 1910.134.

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# Section 9. Physical and chemical properties

### **Appearance**

<u>rippoururioo</u>	
Physical state	: Solid.
	Powder.
Color	: Not available.
Odor	: Odorless.
Odor threshold	: Not available.
рН	: Not applicable.
Melting point	: Not available.
Boiling point	: Not available.
Flash point	: Closed cup: 908°C (1666.4°F)
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not applicable.
Evaporation rate	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not applicable.
Relative density	: 7.14
Density(lbs / gal)	: 59.59
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n- octanol/water	: Not applicable.
Viscosity	: Kinematic (40°C (104°F)): Not applicable.
Volatility	: 0% (v/v), 0% (w/w)
% Solid. (w/w)	: 100

# Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

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### Section 10. Stability and reactivity

Hazardous decomposition products

: Evolves hydrogen on contact with water. Depending on conditions, decomposition products may include the following materials: metal oxide/oxides

# Section 11. Toxicological information

### Information on toxicological effects

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
zinc oxide	LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral	Rat Rat Rat	>5700 mg/m³ >2000 mg/kg >5000 mg/kg	4 hours - -
Conclusion/Summary	: There are no data available on t	he mixture itself.		<b>I</b>
Irritation/Corrosion				
Conclusion/Summary				
Skin	: There are no data available on the	he mixture itself.		
Eyes	: There are no data available on the	he mixture itself.		
Respiratory	: There are no data available on the	he mixture itself.		
Sensitization				
Conclusion/Summary				
Skin	: There are no data available on the second	he mixture itself.		
Respiratory	: There are no data available on the	he mixture itself.		
<u>Mutagenicity</u>				
<b>Conclusion/Summary</b>	: There are no data available on the	he mixture itself.		
Carcinogenicity				
Conclusion/Summary	: There are no data available on the	he mixture itself.		
Reproductive toxicity				
Conclusion/Summary	: There are no data available on th	e mixture itself.		
Teratogenicity				
Conclusion/Summary	: There are no data available on th	e mixture itself.		
Specific target organ toxicity				
Not available.				
Specific target organ toxicity	(repeated exposure)			
Not available.				
<u>Farget organs</u>	: Contains material which may cau tract.	ise damage to the	e following organs:	upper respiratory
<mark>Aspiration hazard</mark> Not available.				
formation on the likely route	es of exposure			
Potential acute health effects	8			
Eye contact	<ul> <li>Exposure to airborne concentration may cause irritation of the eyes.</li> </ul>	ons above statuto	ory or recommende	ed exposure limits

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SIGMAZINC 158 H PIGMENT GREY

zinc oxide

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# Section 11. Toxicological information

Inhalation	:	Exposure to airborne may cause irritation of				nmended exp	osure limits
Skin contact	1.	No known significant			5.		
Ingestion		No known significant e					
Over-exposure signs/symp		•					
Eye contact		Adverse symptoms m irritation	ay include th	e following:			
Inhalation	:	redness Adverse symptoms may include the following: respiratory tract irritation					
		coughing	on				
Skin contact	:	No specific data.					
Ingestion	:	No specific data.					
Delayed and immediate effect	<u>:ts</u>	and also chronic effe	cts from sho	ort and long t	erm exposu	<u>re</u>	
Conclusion/Summary	:	There are no data ava and fumes adversely a peripheral nervous sy causes adverse devel fetuses. Repeated ex Repeated or prolonge Ingestion may cause r known, delayed and ir short-term and long-te and eye contact.	affects blood stems and m opmental eff xposure of th d inhalation o nausea, diarr nmediate eff	and blood for ale/female re ects including e eyes to a lo of dust may le hea and vomi ects and also	ming tissues productive or brain damag w level of dus ad to chronic ting. This tal chronic effect	, kidneys, live gans. Lead e je in children st can produc respiratory ir kes into accou	r, the central/ exposure and unborn e eye irritation. ritation. unt, where ents from
<u>Short term exposure</u>		,					
Potential immediate effects	:	There are no data ava	ailable on the	mixture itself.			
Potential delayed effects	:	There are no data ava	ailable on the	mixture itself.			
Long term exposure							
Potential immediate effects	1	: There are no data available on the mixture itself.					
Potential delayed effects	1	There are no data ava	ailable on the	mixture itself.			
Potential chronic health eff	ect	<u>S</u>					
General	:	Repeated or prolonge	d inhalation o	of dust may le	ad to chronic	respiratory ir	ritation.
Carcinogenicity	1	No known significant e	effects or crit	ical hazards.			
Mutagenicity	:	No known significant e	effects or crit	ical hazards.			
Reproductive toxicity		No known significant e					
Numerical measures of toxic		0					
Acute toxicity estimates	<u>acy</u>						
Product/ingredient name			Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)

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N/A

N/A

N/A

N/A

2533.8

2500

N/A

N/A

N/A

N/A

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### Section 12. Ecological information

### **Toxicity**

Product/ingredient name	Result	Species	Exposure
zinc oxide	Acute EC50 0.17 mg/l Acute EC50 0.481 mg/l Fresh water	Algae Daphnia - Daphnia magna - Neonate	72 hours 48 hours
	Chronic NOEC 0.017 mg/l Fresh water	Algae	72 hours

### Persistence and degradability

Not available.

### **Bioaccumulative potential**

Not available.

### Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

# 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.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

# 14. Transport information

	DOT	IMDG	ΙΑΤΑ
UN number	UN3077	UN3077	UN3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc powder - zinc dust (stabilized), zinc oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc powder - zinc dust (stabilized), zinc oxide)
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### 14. Transport information

•			
Transport hazard class (es)	9	9	9
Packing group	III	III	III
Environmental hazards	Yes.	Yes.	Yes.
Marine pollutant substances	Not applicable.	(Zinc powder - zinc dust (stabilized), zinc oxide)	Not applicable.
Product RQ (lbs)	1015.2	Not applicable.	Not applicable.
RQ substances	(Zinc powder - zinc dust (stabilized))	Not applicable.	Not applicable.

#### **Additional information**

DOT	Non-bulk packages of this product are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of ≤5 L or ≤5 kg.
IMDG	: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. The segregation group has been manually assigned based upon product analysis.
ΙΑΤΑ	: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

# **Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according : Not applicable. to IMO instruments

### Section 15. Regulatory information

#### United States

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

#### SARA 302/304

SARA 304 RQ : Not applicable.

**Composition/information on ingredients** 

No products were found.

#### SARA 311/312

Classification : COMBUSTIBLE DUSTS

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

No products were found.

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

	zinc oxide	1314-13-2	0.5 - 1.5
Supplier notification	Chemical name : Zinc powder - zinc dust (stabilized)	<u>CAS number</u> 7440-66-6	Concentration 60 - 100

### Product name SIGMAZINC 158 H PIGMENT GREY

### Section 15. Regulatory information

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.

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

### Section 16. Other information

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

Health : 1 Flammability : 0 Physical hazards : 1

(\*) - Chronic effects

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 MSDSs 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.

National Fire Protection Association (U.S.A.)

Date of previous issue: 5/30/2021Organization that prepared: EHSthe SDS	
BCF = Bid GHS = GI IATA = Int IBC = Inte IMDG = Ir LogPow = MARPOL as modifie N/A = Not	gregation Group

#### Indicates information that has changed from previously issued version.

#### **Disclaimer**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.