# **SAFETY DATA SHEET**



Date of issue/Date of revision6 September 2023Version 16

Section 1. Identification	
Product name	: YELLOW PRIMER HYBRID
Product code	: PCF30124
Other means of identification	: Not available.
Product type	: Powder.
Relevant identified uses of	the substance or mixture and uses advised against
Product use	: Industrial applications.
Use of the substance/ mixture	: Coating. Paints. Painting-related materials.
Uses advised against	: Not applicable.
Manufacturer	: PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272
Emergency telephone number	: (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	: 1-888-774-2001 (US and Canada)

# Section 2. Hazards identification

OSHA/HCS status Classification of the	<ul> <li>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</li> <li>COMBUSTIBLE DUSTS</li> </ul>
substance or mixture	CARCINOGENICITY - Category 1A
	Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 28.1% (oral), 69.9% (dermal), 53.7% (inhalation)
GHS label elements	
Hazard pictograms	
Signal word	: Danger
Hazard statements	: May cause cancer. May form combustible dust concentrations in air.

Precautionary statements

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# Section 2. Hazards identification

Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.
Response	: IF exposed or concerned: Get medical advice or attention.
Storage	: Store locked up.
Disposal	<ul> <li>Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
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. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Prevent dust accumulation. Emits toxic fumes when heated.
Hazards not otherwise classified	: 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.

# Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Product name	: YELLOW PRIMER HYBRID

Ingredient name	%	CAS number
Limestone titanium dioxide	≥20 - ≤50 ≥1.0 - ≤5.0	1317-65-3 13463-67-7
2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate	≥1.0 - ≤5.0	25767-43-5
and ethyl 2-propenoate crystalline silica, respirable powder (<10 microns)	<1.0	14808-60-7
crystalline silica, respirable powder (>10 microns)	≤1.0	14808-60-7

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	<sup>i</sup> necessary	first aid measures

Eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
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.

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# Section 4. First aid measures

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 e	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/sy	<u>ymptoms</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.

### 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. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### 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.

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# Section 5. Fire-fighting measures

Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon oxides metal oxide/oxides Cyanate and isocyanate. hydrogen cyanide
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	<ul> <li>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.</li> </ul>
For emergency responders	
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	ontainment and cleaning up
Small spill	: Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, 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. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed

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# Section 7. Handling and storage

### Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. 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	: 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.
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	: Do not store below the following temperature: 5°C (41°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. Store locked up. 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
Limestone	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
titanium dioxide	OSHA PEL (United States, 5/2018).
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
	ACGIH TLV (United States, 1/2022).
	TWA: 2.5 mg/m <sup>3</sup> 8 hours. Form: respirable
	fraction, finescale particles
2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl	OSHA PEL (United States).
2-propenoate and ethyl 2-propenoate	
	TWA: 15 mg/m <sup>3</sup>
	TWA: 5 mg/m <sup>3</sup> Form: Respirable
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# Section 8. Exposure controls/personal protection

	TWA: 15 mg/m <sup>3</sup> Form: Total dust ACGIH TLV (United States).	
	TWA: 3 mg/m <sup>3</sup> Form: Respirable	
	TWA: 10 mg/m <sup>3</sup> Form: Total dust	
crystalline silica, respirable powder (<10 microns)	ACGIH TLV (United States, 1/2022). [Silica,	
crystalline sliica, respirable powder (< to fillcrons)		
	crystalline]	
	TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form:	
	Respirable	
	OSHA PEL Z3 (United States, 6/2016).	
	TWA: 10 mg/m <sup>3</sup> / (%SiO2+2) 8 hours. Form:	
	Respirable	
	TWA: 250 mppcf / (%SiO2+5) 8 hours. Form:	
	Respirable	
	OSHA PEL (United States, 5/2018). [Silica,	
	crystalline]	
	TWA: 50 µg/m³ 8 hours. Form: Respirable	
	dust	
crystalline silica, respirable powder (>10 microns)	OSHA PEL Z3 (United States, 6/2016).	
	TWA: 10 mg/m <sup>3</sup> / (%SiO2+2) 8 hours. Form:	
	Respirable	
	TWA: 250 mppcf / (%SiO2+5) 8 hours. Form:	
	Respirable	
	OSHA PEL (United States, 5/2018). [Silica,	
	crystalline]	
	TWA: 50 µg/m³ 8 hours. Form: Respirable	
	dust	
	ACGIH TLV (United States, 1/2022). [Silica,	
	crystalline]	
	TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form:	
	Respirable fraction	
Key to abbreviations		
A = Acceptable Maximum Peak	S = Potential skin absorption	
ACGIH = American Conference of Governmental Industrial Hygienists.	SR = Respiratory sensitization	
C = Ceiling Limit	SS = Skin sensitization	
F = Fume	STEL = Short term Exposure limit values	
IPEL = Internal Permissible Exposure Limit	TD = Total dust	
OSHA = Occupational Safety and Health Administration.	TLV = Threshold Limit Value	
R = Respirable	TWA = Time Weighted Average	

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

### Consult local authorities for acceptable exposure limits.

**Recommended monitoring** : Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will procedures 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.

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# Section 8. Exposure controls/personal protection

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 meas	<u>ures</u>
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.
Gloves	: butyl rubber
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.

# Section 9. Physical and chemical properties

<u>Appearance</u>		
Physical state	: Solid.	
	Powder.	
Color	: Yellow.	
Odor	: Not available.	
Odor threshold	: Not available.	
рН	: Not applicable.	
Melting point	: Not available.	
Boiling point	: Not available.	
Flash point	: Closed cup: Not applicable	
Auto-ignition temperature	: Not applicable.	
Decomposition temperature	: Not available.	
Boiling point Flash point Auto-ignition temperature	<ul><li>Not available.</li><li>Closed cup: Not applicable</li><li>Not applicable.</li></ul>	

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# Section 9. Physical and chemical properties

-				
Flammability	: Not available.			
Lower and upper explosive (flammable) limits	: Not applicable.			
Evaporation rate	: Not available.	: Not available.		
Vapor pressure	: Not available.			
Vapor density	: Not applicable.			
Relative density	: 1.63			
Density(lbs / gal)	: 13.6			
Bulk Density (g/cm³)	: 1.55			
	Media	Result		
Solubility(ies)	cold water	Not soluble		
Partition coefficient: n- octanol/water	: Not applicable.			
Viscosity	: Kinematic (40°C (104	4°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.
Hazardous decomposition products	<ul> <li>Depending on conditions, decomposition products may include the following materials: Cyanate and isocyanate. carbon oxides nitrogen oxides hydrogen cyanide metal oxide/oxides</li> </ul>

# Section 11. Toxicological information

Information on toxicological effects Acute toxicity

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# Section 11. Toxicological information

Product/ingredient name	Result			Species	Dose	Exposure
Limestone titanium dioxide 2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethyl 2 propenoate	LD50 Oral LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral LD50 Oral			Rat Rat Rabbit Rat Rat	6450 mg/kg >6.82 mg/l >5000 mg/kg >5000 mg/kg >2 g/kg	- 4 hours - - -
2-propenoate						
Conclusion/Summary	: There ar	e no data a	available on th	e mixture itse	lf.	
Irritation/Corrosion						
Conclusion/Summary	. There			o pointine :1	IF	
Skin Even				e mixture itse		
Eyes				e mixture itse		
Respiratory Sensitization	: mere ar	e no data a	avaliable on tr	e mixture itse	11.	
<u>Sensitization</u>						
Conclusion/Summary	<b>. . . . . .</b>	1.4	e de la la la constitu	1	1 <i>c</i>	
Skin				e mixture itse		
Respiratory	: There ar	e no data a	available on th	e mixture itse	lf.	
<b>Mutagenicity</b>						
Conclusion/Summary	: There ar	e no data a	available on th	e mixture itse	lf.	
Carcinogenicity						
<b>Conclusion/Summary</b>	: There ar	e no data a	available on th	e mixture itse	lf.	
<b>Classification</b>						
Product/ingredient name	OSHA	IARC	NTP			
titanium dioxide crystalline silica, respirable	-	2B 1	- Known to be	e a human car	cinogen.	
powder (<10 microns) crystalline silica, respirable powder (>10 microns)	-	1	Known to be	e a human car	cinogen.	
Carcinogen Classification	code:	•				
IARC: 1, 2A, 2B, 3, NTP: Known to be OSHA: + Not listed/not regu	a human car	cinogen; Rea	asonably anticip	ated to be a hum	an carcinogen	
-						
Reproductive toxicity		no data -	wailabla an <del>t</del> h	o mivturo ito-li	F	
· · · · · · · · · · · · · · · · · · ·	. There are	e no data a		e mixture itself	l.	
Teratogenicity	. <b>T</b> heorem		and the later of the			
Conclusion/Summary	: I nere are	e no data a	ivaliable on th	e mixture itself	ſ.	

Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

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# Section 11. Toxicological information

Name		Route of exposure	Target organs
crystalline silica, respirable powder (<10 microns)	Category 1	inhalation	-

Targ	et	org	ans

: Contains material which may cause damage to the following organs: lungs, upper respiratory tract, skin, eyes.

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

### 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       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.         Delayed and immediate effects and also chronic effects from short and long term exposure         Conclusion/Summary       There are no data available on the mixture itself. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system, leading to an asthmatic condition, wheezing and tightness of the chest. Repeated exposure may lead to permanent respiratory disability. This product contains crystalline silica which can cause lung cance or silicosis. The risk of cancer depends on the duration.         Repeated exposure to dust from sanding surfaces or mist from spray applications.         Repeated exposure       There are no data available on the mixture itself.         Gorclusion/Summary       There are no	<u>Polential acule nealth enec</u>	
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.         Ingestion/Summary       : There are no data available on the mixture itself. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system, leadin to an asthmatic condition, wheezing and lightness of the chest. Repeated exposure may lead to permanent respiratory disability. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration an	Eye contact	
Skin contact       : 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: irritation redness         Skin contact       : No specific data.         Ingestion       : No specific data.         Delayed and immediate effects and also chronic effects from short and long term exposure         Conclusion/Summary       : There are no data available on the mixture itself. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system, leading to an asthmatic condition, wheezing and tightness of the chest. Repeated exposure may lead to permanent respiratory disability. This product contains crystalline silica which can cause lung cancer or silicosiis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated exposure of the eyes to a low level of dust cam produce eye irritation. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.         Short term exposure       : There are no data available on the mixture itself.         Potential immediate       : There are no data available on the mixture itself.         Long term exposure       : There are no	Inhalation	: Exposure to airborne concentrations above statutory or recommended exposure limits
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.         Delayed and immediate effects and also chronic effects from short and long term exposure         Conclusion/Summary       : There are no data available on the mixture itself. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory disability. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated or prolonged inhalation of dust may lead to chronic respiratory disability. This product contains from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.         Short term exposure?       : There are no data available on the mixture itself.         effects       : There are no data available on the mixture itself.         effects       : There are no data available on the mixture itself.         Long term exposure       : There are no data available on the mixture itself.         Potential immediate       : There are no data available on the mixtu	Skin contact	
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.         Delayed and immediate effects and also chronic effects from short and long term exposure         Conclusion/Summary       : There are no data available on the mixture itself. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system, leadin in to an astimatic condition, wheezing and tightness of the chest. Repeated exposure may lead to permanent respiratory disability. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Ingestion may cause nausea, diarrhe and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.         Short term exposure       : There are no data available on the mixture itself.         effects       : There are no data available on the mixture itself.         effects       : There are no data available on the mixture itself.         Potential immediate       : There a		
irritation       irritation         redness       Adverse symptoms may include the following:         respiratory tract irritation       coughing         Skin contact       : No specific data.         Ingestion       : No specific data.         Delayed and immediate effects and also chronic effects from short and long term exposure         Conclusion/Summary       : There are no data available on the mixture itself. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system, leading to an asthmatic condition, wheezing and tightness of the chest. Repeated exposure may lead to permanent respiratory disability. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.         Short term exposure       Potential immediate       : There are no data available on the mixture itself.         effects       Potential delayed effects       : There are no data available on the mixture itself.         effects       Potential delayed effects       : There are no data available on the mixture itself.         eff	•	•
Inhalation       : Adverse symptoms may include the following: respiratory tract irritation coughing         Skin contact       : No specific data.         Ingestion       : No specific data.         Delayed and immediate effects and also chronic effects from short and long term exposure         Conclusion/Summary       : There are no data available on the mixture itself. Based on the properties of the isocyanate components and considering toxicological data on similar mixtures, this mixture may cause acute irritation and/or sensitization of the respiratory system, leading to an asthmatic condition, wheezing and tightness of the chest. Repeated exposure may lead to permanent respiratory disability. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term exposure         Potential immediate       : There are no data available on the mixture itself.         effects       : There are no data available on the mixture itself.         Potential immediate       : There are no data available on the mixture itself.         effects       : There are no data available on the mixture itself.         effects       : There are no data available on the mixture itself.         Potential immediate       :	Eye contact	irritation
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United States Page: 10/14	Potential delayed effects	: There are no data available on the mixture itself.
		United States Page: 10/14

### Product name YELLOW PRIMER HYBRID

# Section 11. Toxicological information

### Potential chronic health effects

- : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- : May cause cancer. Risk of cancer depends on duration and level of exposure.
- **Mutagenicity** : No known significant effects or critical hazards.
- **Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

### Acute toxicity estimates

General

Carcinogenicity

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
Fellow Primer Hybrid	90787.7	N/A	N/A	N/A	N/A
Limestone	6450	N/A	N/A	N/A	N/A
2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate and ethyl 2-propenoate	2500	N/A	N/A	N/A	N/A

# Section 12. Ecological information

### **Toxicity**

Product/ingredient name	Result	Species	Exposure
Imestone	Acute LC50 >56000 mg/l	Fish	96 hours
titanium dioxide	Acute LC50 >100 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours

### Persistence and degradability

Not available.

### **Bioaccumulative potential**

Not available.

### <u>Mobility in soil</u>

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

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Product name YELLOW PRIMER HYBRID

# Section 13. Disposal considerations

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	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class (es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.

### Additional information

DOT: None identified.IMDG: None identified.IATA: None identified.

**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

Product name YELLOW PRIMER HYBRID

# Section 15. Regulatory information

### Classification

: COMBUSTIBLE DUSTS CARCINOGENICITY - Category 1A

### Composition/information on ingredients

Name	%	Classification
titanium dioxide crystalline silica, respirable	≥1.0 - ≤5.0 <1.0	CARCINOGENICITY - Category 2 CARCINOGENICITY - Category 1A
powder (<10 microns)		SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
crystalline silica, respirable powder (>10 microns)	≤1.0	CARCINOGENICITY - Category 1A

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

### California Prop. 65

**WARNING**: Cancer - www.P65Warnings.ca.gov.

# Section 16. Other information

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

Health : 1 \* Flammability : 0 Physical hazards : 0

(\*) - 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.)

Health : 1 Flamma	ability : 0 Instability : 0
Date of previous issue	: 2/20/2023
Organization that prepared the SDS	: EHS
the SDS         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, 19 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations	

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

### <u>Disclaimer</u>

### Product name YELLOW PRIMER HYBRID

# Section 16. Other information

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.