# **SAFETY DATA SHEET**



Date of issue/Date of revision 30 May 2021 Version 13

Section 1. Identification		
Product name	: FAST DRY 4180 DARK GRAY PRIMER	
Product code	: 00407046	
Other means of identification	: Not available.	
Product type	: Liquid.	
Relevant identified uses of	the substance or mixture and uses advised against	
Product use	: Professional applications.	
Use of the substance/ mixture	: Coating.	
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	: 888-977-4762	

# Section 2. Hazards identification

OSHA/HCS status	<ul> <li>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</li> </ul>
Classification of the substance or mixture	: FLAMMABLE LIQUIDS - Category 3 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
	Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 5.8% (oral), 95.6% (dermal), 36.5% (inhalation)
	This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many PPG products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).
GHS label elements	

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Product name FAST DRY 4180 DARK GRAY PRIMER

# Section 2. Hazards identification

Hazard pictograms	
Signal word	: Danger
Hazard statements	<ul> <li>Flammable liquid and vapor. Causes serious eye irritation. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. (central nervous system (CNS))</li> </ul>
Precautionary statements	
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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating or lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Keep container tightly closed. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Response	: IF exposed or concerned: Get medical advice or attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	<ul> <li>Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Supplemental label elements	: Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated. DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.
Hazards not otherwise classified	: Prolonged or repeated contact may dry skin and cause irritation.

# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Product name		FAST D

: FAST DRY 4180 DARK GRAY PRIMER

Ingredient name	%	CAS number
Limestone	≥20 - ≤50	1317-65-3
Stoddard solvent	≥20 - ≤50	8052-41-3
Talc, not containing asbestiform fibers	≥5.0 - ≤10	14807-96-6
titanium dioxide	≥1.0 - ≤5.0	13463-67-7
carbon black	≤1.0	1333-86-4

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# Section 3. Composition/information on ingredients

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	<ul> <li>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.</li> </ul>
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	<ul> <li>If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>

#### Most important symptoms/effects, acute and delayed

most important symptoms/	should, doute and delayed
Potential acute health effe	<u>cts</u>
Eye contact	: Causes serious eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/sym	<u>otoms</u>
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.
	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.

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### Section 4. First aid measures

See toxicological information (Section 11)

# Section 5. Fire-fighting measures

Extinguishing mediaSuitable extinguishing mediaUnsuitable extinguishing mediaUnsuitable extinguishing mediaSpecific hazards arising from the chemical: Do not use water jet.Hazardous thermal decomposition products: Decomposition productsSpecial 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: Fire-fighters: Fire-fighters: Fire-fighters: Special protective equipment for fire-fi		
media Unsuitable extinguishing media: Do not use water jet.Specific hazards arising from the chemical: Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon oxides metal oxide/oxidesSpecial 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 training: Fire-fighters should wear appropriate protective equipment and self-contained breathing	Extinguishing media	
mediaSpecific hazards arising from the chemical: Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon oxides metal oxide/oxidesSpecial 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 special protective: Fire-fighters should wear appropriate protective equipment and self-contained breathing	• •	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
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for fire-fightersthere 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: Fire-fighters should wear appropriate protective equipment and self-contained breathing		carbon oxides
		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
		: 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 vapor or mist. Provide

emergency personnel".

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 

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and<br/>explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively,<br/>or if water-insoluble, absorb with an inert dry material and place in an appropriate waste<br/>disposal container. Dispose of via a licensed waste disposal contractor.

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### Section 6. Accidental release measures

#### Large spill

: Stop leak if without risk. 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. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. 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). 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 breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. 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. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting, self-closing lids. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside. 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 above the following temperature: 50°C (122°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.

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### Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
<b>L</b> ímestone	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction TWA: 15 mg/m³ 8 hours. Form: Total dust
Stoddard solvent	ACGIH TLV (United States, 3/2020).
	TWA: 525 mg/m <sup>3</sup> 8 hours.
	TWA: 100 ppm 8 hours.
	OSHA PEL (United States, 5/2018).
	TWA: 2900 mg/m <sup>3</sup> 8 hours.
Tala and a set in its set of the set of the set	TWA: 500 ppm 8 hours.
Talc, not containing asbestiform fibers	ACGIH TLV (United States, 3/2020).
	TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable <b>OSHA PEL Z3 (United States).</b>
	TWA: 2 mg/m <sup>3</sup>
titanium dioxide	OSHA PEL (United States, 5/2018).
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
	ACGIH TLV (United States, 3/2020).
	TWA: 10 mg/m <sup>3</sup> 8 hours.
carbon black	ACGIH TLV (United States, 3/2020).
	TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable
	OSHA PEL (United States, 5/2018).
	TWA: 3.5 mg/m <sup>3</sup> 8 hours.

#### Kev to abbreviations

А	= Acceptable Maximum Peak	S	<ul> <li>Potential skin absorption</li> </ul>
ACGIH	<ul> <li>American Conference of Governmental Industrial Hygienists.</li> </ul>	SR	<ul> <li>Respiratory sensitization</li> </ul>
С	= Ceiling Limit	SS	<ul> <li>Skin sensitization</li> </ul>
F	= Fume	STEL	<ul> <li>Short term Exposure limit values</li> </ul>
IPEL	= Internal Permissible Exposure Limit	TD	= Total dust
OSHA	<ul> <li>Occupational Safety and Health Administration.</li> </ul>	TLV	= Threshold Limit Value
R	= Respirable	TWA	= Time Weighted Average

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

#### Consult local authorities for acceptable exposure limits.

**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. 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	: Chemical splash goggles.		
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	: For prolonged or repeated handling, use the following type of gloves:		
	Recommended: nitrile 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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.		
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	: Liquid.
Color	: Not available.
Odor	: Characteristic.
Odor threshold	: Not available.
рН	: Not applicable.
Melting point	: Not available.
Boiling point	: >37.78°C (>100°F)

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# Section 9. Physical and chemical properties

Flash point: Closed cup: 41°C (105.8°F)Auto-ignition temperature: Not available.Decomposition temperature: Not available.Flammability (solid, gas): Not available.Flammability (solid, gas): Not available.Lower and upper explosive: Not available.(flammable) limits: Not available.Evaporation rate: Not available.Vapor pressure: Not available.Vapor density: Not available.Relative density: 1.49Density ( lbs / gal ): 12.43Solubility: Insoluble in the following materials: cold water.Partition coefficient: n- octanol/water: Mot applicable.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: 43% (v/v), 22.44% (w/w)% Solid. (w/w): 77.56		
Decomposition temperature: Not available.Flammability (solid, gas): Not available.Lower and upper explosive: Not available.(flammable) limits: Not available.Evaporation rate: Not available.Vapor pressure: Not available.Vapor density: Not available.Relative density: 1.49Density ( lbs / gal ): 12.43Solubility: Insoluble in the following materials: cold water.Partition coefficient: n- octanol/water: Mot applicable.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: 43% (v/v), 22.44% (w/w)	Flash point	: Closed cup: 41°C (105.8°F)
Flammability (solid, gas): Not available.Lower and upper explosive (flammable) limits: Not available.Evaporation rate: Not available.Vapor pressure: Not available.Vapor density: Not available.Relative density: 1.49Density ( lbs / gal ): 12.43Solubility: Insoluble in the following materials: cold water.Partition coefficient: n- octanol/water: Mot applicable.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: 43% (v/v), 22.44% (w/w)	Auto-ignition temperature	: Not available.
Lower and upper explosive (flammable) limits: Not available.Evaporation rate: Not available.Vapor pressure: Not available.Vapor density: Not available.Relative density: 1.49Density ( lbs / gal ): 12.43Solubility: Insoluble in the following materials: cold water.Partition coefficient: n- octanol/water: Mot applicable.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: 43% (v/v), 22.44% (w/w)	Decomposition temperature	: Not available.
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Vapor pressure: Not available.Vapor density: Not available.Relative density: 1.49Density ( lbs / gal ): 12.43Solubility: Insoluble in the following materials: cold water.Partition coefficient: n- octanol/water: Mot applicable.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: 43% (v/v), 22.44% (w/w)		: Not available.
Vapor density: Not available.Relative density: 1.49Density ( lbs / gal ): 12.43Solubility: Insoluble in the following materials: cold water.Partition coefficient: n- octanol/water: Mot applicable.Viscosity: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)Volatility: 43% (v/v), 22.44% (w/w)	Evaporation rate	: Not available.
Relative density       : 1.49         Density ( lbs / gal )       : 12.43         Solubility       : Insoluble in the following materials: cold water.         Partition coefficient: n-octanol/water       : Mot applicable.         Viscosity       : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)         Volatility       : 43% (v/v), 22.44% (w/w)	Vapor pressure	: Not available.
Density ( lbs / gal )       : 12.43         Solubility       : Insoluble in the following materials: cold water.         Partition coefficient: n-octanol/water       : Mot applicable.         Viscosity       : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)         Volatility       : 43% (v/v), 22.44% (w/w)	Vapor density	: Not available.
Solubility Partition coefficient: n- octanol/water: Insoluble in the following materials: cold water. : Not applicable.Viscosity Volatility: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) : 43% (v/v), 22.44% (w/w)	Relative density	: 1.49
Partition coefficient: n-octanol/water       : Mot applicable.         Viscosity       : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)         Volatility       : 43% (v/v), 22.44% (w/w)	Density(lbs / gal)	: 12.43
octanol/water         Yiscosity         : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)           Volatility         : 43% (v/v), 22.44% (w/w)	Solubility	: Insoluble in the following materials: cold water.
Volatility : 43% (v/v), 22.44% (w/w)		: Not applicable.
	Viscosity	: Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)
% Solid. (w/w) : 77.56	Volatility	: 43% (v/v), 22.44% (w/w)
	% Solid. (w/w)	: 77.56

# 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	: Depending on conditions, decomposition products may include the following materials: carbon oxides metal oxide/oxides

# 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
<b>∠</b> ímestone	LD50 Oral			Rat	6450 mg/kg	-
Stoddard solvent	LD50 Oral			Rat	>5 g/kg	-
titanium dioxide	LC50 Inhalation Dusts and mists			Rat	>6.82 mg/l	4 hours
	LD50 Dermal			Rabbit	>5000 mg/kg	-
	LD50 Oral			Rat	>5000 mg/kg	-
carbon black	LD50 Oral			Rat	>10 g/kg	-
Conclusion/Summary	: There are	e no data a	vailable on t	he mixture itsel	f.	
Irritation/Corrosion						
Conclusion/Summary						
Skin	: There are	e no data av	vailable on t	he mixture itsel	f.	
Eyes	: There are	e no data av	vailable on t	he mixture itsel	f.	
Respiratory	: There are	e no data av	vailable on t	he mixture itsel	f.	
<u>Sensitization</u>						
Conclusion/Summary						
Skin	: There are	e no data av	vailable on t	he mixture itsel	f.	
Respiratory	: There are	e no data a	vailable on t	he mixture itsel	f.	
Mutagenicity						
Conclusion/Summary	: There are	e no data a	vailable on t	he mixture itsel	f.	
Carcinogenicity						
Conclusion/Summary	: There are	e no data a	vailable on t	he mixture itsel	f.	
<b>Classification</b>						
Product/ingredient name	OSHA	IARC	NTP			
titanium dioxide	-	2B	-			
carbon black	-	2B	-			
Carcinogen Classification	n code:					
IARC: 1, 2A, 2B, 3						
NTP: Known to b OSHA: +	e a human carc	inogen; Reas	sonably anticip	pated to be a hum	an carcinogen	
Not listed/not regi	ulated: -					
Reproductive toxicity						
	: There are	no data av	ailable on th	ne mixture itself	:	
Teratogenicity						
Conclusion/Summary	• There are	no data av	vailable on th	ne mixture itself	:	
Specific target organ toxicity						
Name			Cat	egory	Route of	Target organs
			- Cut	- 3 - 1 - 3	exposure	- al get el guile
Alc, not containing asbestifor	m fibers		Cat	egory 3	-	Respiratory tract irritation
						Innation

Specific target organ toxicity (repeated exposure)

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Product name FAST DRY 4180 DARK GRAY PRIMER

# Section 11. Toxicological information

Name	Category	Route of exposure	Target organs		
Stoddard solvent	Category 1	-	central nervous system (CNS)		
Target organs : Conta	: Contains material which causes damage to the following organs: brain.				

: Contains material which causes damage to the following organs: brain. Contains material which may cause damage to the following organs: kidneys, lungs, liver, cardiovascular system, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea, testes.

#### Aspiration hazard

Name	Result
Stoddard solvent	ASPIRATION HAZARD - Category 1

#### Information on the likely routes of exposure

#### Potential acute health effects

Eye contact Inhalation Skin contact	<ul> <li>Causes serious eye irritation.</li> <li>No known significant effects or critical hazards.</li> <li>Defatting to the skin. May cause skin dryness and irritation.</li> </ul>
Ingestion Over-exposure signs/sym	: No known significant effects or critical hazards.
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.
Delayed and immediate eff	ects and also chronic effects from short and long term exposure
Conclusion/Summary	: There are no data available on the mixture itself. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many PPG products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known,

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Product name FAST DRY 4180 DARK GRAY PRIMER

# Section 11. Toxicological information

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.

	contact.
<u>Short term exposure</u>	
Potential immediate effects	: There are no data available on the mixture itself.
Potential delayed effects	: There are no data available on the mixture itself.
<u>Long term exposure</u>	
Potential immediate effects	: There are no data available on the mixture itself.
Potential delayed effects	: There are no data available on the mixture itself.
Potential chronic health eff	ects
General	: Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	<ul> <li>Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.</li> </ul>
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.
Numerical measures of toxic	ity

#### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	(vapors)	Inhalation (dusts and mists) (mg/ I)
Limestone	6450	N/A	N/A	N/A	N/A

# Section 12. Ecological information

#### **Toxicity**

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

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Stoddard solvent	3.16 to 7.06	-	high

#### Mobility in soil

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Product name FAST DRY 4180 DARK GRAY PRIMER

### Section 12. Ecological information

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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. 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

	DOT	IMDG	IATA	
UN number	UN1263	UN1263	UN1263	
UN proper shipping name	PAINT	PAINT	PAINT	
Transport hazard class (es)	3	3	3	
Packing group	III	Ш	III	
Environmental hazards	No.	No.	No.	
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.	

### 14. Transport information

#### **Additional information**

DOT	<ul> <li>This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials.</li> </ul>
IMDG	: None identified.
ΙΑΤΑ	: 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.

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### 14. Transport information

Transport in bulk according : Not applicable. to IMO instruments

# Section 15. Regulatory information

#### United States

United States inventory (TSCA 8b) : At least one component is inactive.

#### SARA 302/304

SARA 304 RQ : Not applicable.

Composition/information on ingredients

No products were found.

#### SARA 311/312

Classification

: FLAMMABLE LIQUIDS - Category 3 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 HNOC - Defatting irritant

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

Name	%	Classification
Stoddard solvent	≥20 - ≤50	FLAMMABLE LIQUIDS - Category 3 EYE IRRITATION - Category 2A
		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) - Category 1
		ASPIRATION HAZARD - Category 1
		HNOC - Defatting irritant
Talc, not containing asbestiform	≥5.0 - ≤10	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
fibers		(Respiratory tract irritation) - Category 3
titanium dioxide	≥1.0 - ≤5.0	CARCINOGENICITY - Category 2
carbon black	≤1.0	COMBUSTIBLE DUSTS
		CARCINOGENICITY - Category 2

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

#### California Prop. 65

MARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

### Section 16. Other information

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

Health : 2 \* Flammability : 2 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.

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### Section 16. Other information

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 : 2 Flammal Date of previous issue Organization that prepared the SDS	bility : 2 Instability : 0 : 1/8/2021 : EHS
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 = Internediate 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) N/A = Not available SGG = Segregation Group UN = United Nations

#### 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.