# **SAFETY DATA SHEET**



Date of issue/Date of revision 29 April 2016 Version 5

Section 1. Identification	
Product name	: MAX DFS S/C WHITE/BASE 1
Product code	: 79601A
Other means of identification	: Not available.
Product type	: Liquid.
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) 01-800-00-21-400 (Mexico)
Technical Phone Number	: 1-800-441-9695 (8:00 am to 5:00 pm EST)

### Section 2. Hazards identification

(29 CFR 1910.1200).
: SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 29.8%

Signal word

: Warning

Product name MAX DFS S/C WHITE/BASE 1

### Section 2. Hazards identification

Hazard statements	<ul> <li>May cause an allergic skin reaction.</li> <li>Suspected of causing cancer.</li> <li>May cause damage to organs through prolonged or repeated exposure.</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. Wear eye or face protection. Wear protective clothing. Do not breathe vapor. Contaminated work clothing must not be allowed out of the workplace.
Response	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. Photosensitive agents : In case of accidental eye contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the eyes. In case of accidental skin contact, avoid concurrent exposure to the sun or other sources the sensitivity of skin.
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	<ul> <li>Sanding and grinding dusts may be harmful if inhaled. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated.</li> </ul>
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	: MAX DFS S/C WHITE/BASE 1

Ingredient name	%	CAS number
tranium dioxide	≥10 - ≤20	13463-67-7
ethanediol	≥1.0 - ≤5.0	107-21-1
octhilinone (ISO)	<1.0	26530-20-1

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> <li>In case of accidental eye contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the eyes.</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	<ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. In case of accidental skin contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of skin.</li> </ul>
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 effec	<u>ts</u>		
Eye contact	1	No known significant effects or critical hazards.	
Inhalation	1	No known significant effects or critical hazards.	
Skin contact	:	Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.	
Ingestion	1	No known significant effects or critical hazards.	
Over-exposure signs/symp	ton	<u>15</u>	
Eye contact	1	No specific data.	
Inhalation	1	No specific data.	
Skin contact	:	Adverse symptoms may include the following: irritation redness dryness cracking	
Ingestion	:	No specific data.	
Indication of immediate medical attention and special treatment needed, if necessary			
Notes to physician	1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	
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. 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 an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is toxic to aquatic life. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Special protective actions for fire-fighters	<ul> <li>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.</li> </ul>
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

disposal contractor.

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. Avoid breathing vapor or mist. 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 containment and cleaning up			
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste	

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### Section 6. Accidental release measures

#### Large spill

: Stop leak if without risk. Move containers from spill area. 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). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. 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. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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. 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: 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination

### Section 8. Exposure controls/personal protection

<u>Control parameters</u> <u>Occupational exposure limits</u>

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### Section 8. Exposure controls/personal protection

Ingredient name	Exposure limits
<b>i</b> ifanium dioxide	OSHA PEL (United States, 2/2013). TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust ACGIH TLV (United States, 3/2015). TWA: 10 mg/m <sup>3</sup> 8 hours.
ethanediol	ACGIH TLV (United States, 3/2015). C: 100 mg/m <sup>3</sup> Form: Aerosol
octhilinone (ISO)	None.
Key to abbreviations	
A = Acceptable Maximum Peak	S = Potential skin absorption

ACGIH = American Conference of Governmental Industrial Hygienists. SR = Respiratory sensitization С = Ceiling Limit SS = Skin sensitization F = Fume STEL = Short term Exposure limit values IPEL = Internal Permissible Exposure Limit TD = Total dust OSHA = Threshold Limit Value = Occupational Safety and Health Administration. TLV = Respirable TWA = Time Weighted Average R Ζ = 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	:	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.
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	<u>es</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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection <u>Skin protection</u>	1	Safety glasses with side shields.
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 polyethylene
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### Section 8. Exposure controls/personal protection

Body protection	<ul> <li>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.</li> </ul>
Other skin protection	<ul> <li>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.</li> </ul>
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.

## Section 9. Physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Not available.
Odor	: Not available.
Odor threshold	: Not available.
рН	: Not available.
Melting point	: Not available.
Boiling point	: >37.78°C (>100°F)
Flash point	: Closed cup: 93.33°C (200°F)
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Evaporation rate	: 0.33 (butyl acetate = 1)
Vapor pressure	: 2.3 kPa (17.1 mm Hg) [room temperature]
Vapor density	: Not available.
Relative density	: 1.24
Density(lbs / gal)	: 10.35
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n- octanol/water	: Not available.
Viscosity	: Kinematic (40°C (104°F)): >0.21 cm²/s (>21 cSt)
Volatility	: 68% (v/v), 54.79% (w/w)

### 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	: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

### Section 11. Toxicological information

#### Information on toxicological effects

Acute toxicity				
Product/ingredient name	Result	Species	Dose	Exposure
tranium dioxide	LD50 Oral	Rat	>11 g/kg	-
ethanediol	LD50 Dermal	Rabbit	9.53 g/kg	-
	LD50 Oral	Rat	4700 mg/kg	-
octhilinone (ISO)	LD50 Dermal	Rabbit	0.69 g/kg	-
	LD50 Oral	Rat	0.55 g/kg	-
Conclusion/Summary	: There are no data available	on the mixture itse	elf.	
Irritation/Corrosion				
Conclusion/Summary				
Skin	There are no data available	on the mixture itse	٦lf	

Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Eyes	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Sensitization	
Conclusion/Summary	
Skin	: There are no data available on the mixture itself.
Respiratory	: There are no data available on the mixture itself.
Mutagenicity	
<b>Conclusion/Summary</b>	: There are no data available on the mixture itself.
<b>Carcinogenicity</b>	
Conclusion/Summary	: There are no data available on the mixture itself.
<b>Classification</b>	

### Section 11. Toxicological information

Product/ingredient name	OSHA	IARC	NTP	
titanium dioxide	-	2B	-	
Carcinogen Classification	code:			
IARC: 1, 2A, 2B, 3, 4 NTP: Known to be OSHA: + Not listed/not regul	a human car	cinogen; Rea	isonably anticipated to be a human carcinogen	
Reproductive toxicity				
Conclusion/Summary	There are	e no data a	vailable on the mixture itself.	
Teratogenicity				
Conclusion/Summary	There are	e no data a	vailable on the mixture itself.	
Specific target organ toxicity	(single ex	<u>posure)</u>		
Not available.				
Specific target organ toxicity	(repeated	exposure)		
Name				Category
ethanediol Target organs :			hich may cause damage to the following organs spiratory tract, skin, central nervous system (Cl	
Target organs :	liver, hea			s: kidneys, lungs,
Target organs :	liver, hea			s: kidneys, lungs,
Target organs :	liver, hea cornea.	ırt, upper re		s: kidneys, lungs,
Target organs : Aspiration hazard Not available.	liver, hea cornea. s of expos	ırt, upper re		s: kidneys, lungs,
Target organs       :         Aspiration hazard       .         Not available.       .         Iformation on the likely routes       .         Potential acute health effects       .	liver, hea cornea. s of expos	ırt, upper re <mark>ure</mark>		s: kidneys, lungs,
Target organs       :         Aspiration hazard       .         Not available.       .         Iformation on the likely routes       .         Potential acute health effects       .         Eye contact       .	liver, hea cornea. s of expos : No know	ırt, upper re <b>ure</b> n significan	spiratory tract, skin, central nervous system (Cl	s: kidneys, lungs,
Target organs       :         Aspiration hazard       .         Not available.       .         Iformation on the likely routes       .         Potential acute health effects       .         Eye contact       .         Inhalation       .	liver, hea cornea. s of expos : No know : No know : Defatting	ırt, upper re <b>ure</b> n significan n significan	spiratory tract, skin, central nervous system (Cl	s: kidneys, lungs, NS), eye, lens or
Target organs       :         Aspiration hazard       .         Not available.       .         iformation on the likely routes       .         Potential acute health effects       .         Eye contact       .         Inhalation       .         Skin contact       .	liver, hea cornea. s of expos No know No know Defatting reaction.	irt, upper re ure n significan n significan to the skin	t effects or critical hazards. t effects or critical hazards.	s: kidneys, lungs, NS), eye, lens or
Target organs       :         Aspiration hazard       .         Not available.       .         iformation on the likely routes       .         Potential acute health effects       .         Eye contact       .         Inhalation       .         Skin contact       .	liver, hea cornea. s of expos No know No know Defatting reaction. No know	irt, upper re ure n significan n significan to the skin	t effects or critical hazards. t effects or critical hazards. t effects or critical hazards. . May cause skin dryness and irritation. May ca	s: kidneys, lungs, NS), eye, lens or
Target organs       :         Aspiration hazard       .         Not available.       .         Iformation on the likely routes       .         Potential acute health effects       .         Eye contact       .         Inhalation       .         Skin contact       .         Ingestion       .         Over-exposure signs/sympton	liver, hea cornea. s of expos No know No know Defatting reaction. No know	ure n significan n significan to the skin n significan	t effects or critical hazards. t effects or critical hazards. t effects or critical hazards. . May cause skin dryness and irritation. May ca	s: kidneys, lungs, NS), eye, lens or
Target organs       :         Aspiration hazard       .         Not available.       .         Iformation on the likely routes       .         Potential acute health effects       .         Eye contact       .         Inhalation       .         Skin contact       .         Ingestion       .         Over-exposure signs/sympton	liver, hea cornea. s of expos No know No know Defatting reaction. No know	Irt, upper re ure n significan n significan to the skin n significan fic data.	t effects or critical hazards. t effects or critical hazards. t effects or critical hazards. . May cause skin dryness and irritation. May ca	s: kidneys, lungs, NS), eye, lens or
Target organs       Image: Second stars         Aspiration hazard         Not available.         Iformation on the likely routes         Potential acute health effects         Eye contact         Inhalation         Skin contact         Ingestion         Over-exposure signs/sympton         Eye contact         Inhalation	liver, hea cornea. s of expos No know No know Defatting reaction. No know ms No speci No speci	Irt, upper re ure n significan n significan to the skin n significan fic data. fic data.	t effects or critical hazards. t effects or critical hazards. t effects or critical hazards. . May cause skin dryness and irritation. May ca	s: kidneys, lungs, NS), eye, lens or

Delayed and immediate effects and also chronic effects from short and long term exposure

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### Section 11. Toxicological information

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Conclusion/Summary	have irritating properties. Pro membrane may result in irrita May cause allergic skin react droplets or aerosols may cau nausea, weakness and centra liquid may cause irritation and known, delayed and immedia	on the mixture itself. Acrylate components of the mixture olonged or repeated contact with skin or mucous ation symptoms, such as redness, blistering, dermatitis etc. ions with repeated exposure. The inhalation of airborne se irritation of the respiratory tract. Ingestion may cause al nervous system effects. If splashed in the eyes, the d reversible damage. This takes into account, where the effects and also chronic effects of components from bosure by oral, inhalation and dermal routes of exposure
<u>Short term exposure</u>		
Potential immediate effects	: There are no data available of	on the mixture itself.
Potential delayed effects	: There are no data available of	on the mixture itself.
Long term exposure		
Potential immediate effects	: There are no data available of	on the mixture itself.
Potential delayed effects	: There are no data available of	on the mixture itself.
Potential chronic health eff	<u>ects</u>	
General	repeated contact can defat th	s through prolonged or repeated exposure. Prolonged or he skin and lead to irritation, cracking and/or dermatitis. ergic reaction may occur when subsequently exposed to
Carcinogenicity	: Suspected of causing cancer exposure.	. Risk of cancer depends on duration and level of
Mutagenicity	: No known significant effects	or critical hazards.
Teratogenicity	: No known significant effects	or critical hazards.
Developmental effects	: No known significant effects	or critical hazards.
Fertility effects	: No known significant effects	or critical hazards.
Numerical measures of toxic	<u>sity</u>	
Acute toxicity estimates		
Route		ATE value
Øral		9482.9 mg/kg

### Section 12. Ecological information

<u>Toxicity</u>			
Product/ingredient name	Result	Species	Exposure
titanium dioxide	Acute LC50 >100 mg/l Fresh water	Daphnia - Daphnia magna	48 hours

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

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Product name MAX DFS S/C WHITE/BASE 1

### Section 12. Ecological information

Product/ingredient name	LogPow	BCF	Potential
ethanediol	-1.36	-	low
octhilinone (ISO)	2.45		low

#### 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	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.

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### 14. Transport information

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.

### Section 15. Regulatory information

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#### United States

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

U.S. Federal regulations

#### SARA 302/304

SARA 304 RQ : Not applicable.

Composition/information on ingredients

No products were found.

#### SARA 311/312

Classification

Immediate (acute) health hazard Delayed (chronic) health hazard

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

Name	hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Iffanium dioxide	No.	No.	No.	No.	Yes.
ethanediol	No.	No.	No.	Yes.	Yes.
octhilinone (ISO)	No.	No.	No.	Yes.	No.

#### SARA 313

Chemical name	<u>CAS number</u>	<b>Concentration</b>
: ethanediol zinc oxide	107-21-1 1314-13-2	1 - 5 1 - 5
		: ethanediol 107-21-1

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 : 2 \* Flammability : 1 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 are not required on MSDSs 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 mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

#### The customer is responsible for determining the PPE code for this material.

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

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### Section 16. Other information

Health : 2 Flamma	ability : 1 Instability : 0
Date of previous issue	: 8/24/2015
Organization that prepared the MSDS	: EHS
Key to abbreviations	<ul> <li>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) UN = United Nations</li> </ul>

#### 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.