# **SAFETY DATA SHEET**



Date of issue/Date of revision 1 May 2016 Version 6

Section 1. Identification		
Product name	: CLASSIC 35 MATTE SYN1636 BASE	
Product code	: 00410516	
Other means of identification	: Not available.	
Product type	: Liquid.	
Relevant identified uses o	of the substance or mixture and uses advised against	
Product use	: Industrial applications, Used by spraying.	
Use of the substance/ mixture	: Coating.	
Uses advised against	: Not applicable.	
Manufacturer	: PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272	
<u>Emergency telephone</u> 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

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	<ul> <li>AMMABLE LIQUIDS - Category 2 SERIOUS EYE DAMAGE - Category 1 CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 46.3%</li> </ul>





Product name CLASSIC 35 MATTE SYN1636 BASE

# Section 2. Hazards identification

Signal word	: Danger
Hazard statements	<ul> <li>Highly flammable liquid and vapor. Causes serious eye damage. Suspected of causing cancer. May cause drowsiness or dizziness. 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. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor.
Response	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
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. <b>1-component mixtures:</b> formaldehyde is released during curing. Formaldehyde may cause irreversible effects, is irritating to the mucous membranes and may cause skin sensitization. Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated.
Hazards not otherwise classified	: Prolonged or repeated contact may dry skin and cause irritation.

# Section 3. Composition/information on ingredients

Substance/mixture	1	Mixture
Product name	:	CLASSIC 35 MATTE SYN1636 BASE

Ingredient name	%	CAS number
ethanol	≥20 - ≤50	64-17-5
1-methoxy-2-propanol	≥10 - ≤20	107-98-2
butan-1-ol	≥5.0 - <10	71-36-3
2-(propyloxy)ethanol	≥1.0 - ≤5.0	2807-30-9
ethylbenzene	<1.0	100-41-4
4-methylpentan-2-one	<1.0	108-10-1

SUB codes represent substances without registered CAS Numbers.

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### Section 3. Composition/information on ingredients

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	: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
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.</li> </ul>
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>

	United St.	ates Page: 3/15
Ingestion	: Adverse symptoms may include the following: stomach pains	
Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking blistering may occur	
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness	
Eye contact	: Adverse symptoms may include the following: pain watering redness	
Over-exposure signs/syn	ptoms	
Ingestion	: Can cause central nervous system (CNS) depression.	
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.	
Inhalation	: Can cause central nervous system (CNS) depression. May caus dizziness.	se drowsiness or
Eye contact	: Causes serious eye damage.	
Potential acute health eff	<u>ects</u>	

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### Section 4. First aid measures

Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed.</li> <li>The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>
Specific treatments	: No specific treatment.
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, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Highly 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 dioxide carbon monoxide nitrogen oxides metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

# Personal precautions, protective equipment and emergency procedures For non-emergency : No action shall be taken involving any personal risk or without suitable training.

personnelEvacuate surrounding areas. Keep unnecessary and unprotected personnel from<br/>entering. Do not touch or walk through spilled material. Shut off all ignition sources.<br/>No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide<br/>adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put<br/>on appropriate personal protective equipment.

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### Section 6. Accidental release measures

For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	nt	ainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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 disposal contractor.
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	<u>ng</u>
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. 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.

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## Section 7. Handling and storage

Conditions for safe storage,	: Do not store above the following temperature: 35°C (95°F). Store in accordance with		
including any	local regulations. Store in a segregated and approved area. Store in original container		
incompatibilities	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		
ethanol	ACGIH TLV (United States, 3/2015).		
	STEL: 1000 ppm 15 minutes.		
	OSHA PEL (United States, 2/2013).		
	TWA: 1900 mg/m <sup>3</sup> 8 hours.		
	TWA: 1000 ppm 8 hours.		
1-methoxy-2-propanol	ACGIH TLV (United States, 3/2015).		
	STEL: 369 mg/m <sup>3</sup> 15 minutes.		
	STEL: 100 ppm 15 minutes.		
	TWA: 184 mg/m <sup>3</sup> 8 hours.		
	TWA: 50 ppm 8 hours.		
butan-1-ol	ACGIH TLV (United States, 3/2015).		
	TWA: 20 ppm 8 hours.		
	OSHA PEL (United States, 2/2013).		
	TWA: 300 mg/m <sup>3</sup> 8 hours.		
	TWA: 100 ppm 8 hours.		
2-(propyloxy)ethanol	IPEL (PPG, 10/2012). Absorbed through		
	skin.		
	TWA: 20 ppm		
	STEL: 40 ppm		
ethylbenzene	ACGIH TLV (United States, 3/2015).		
	TWA: 20 ppm 8 hours.		
	OSHA PEL (United States, 2/2013).		
	TWA: 435 mg/m <sup>3</sup> 8 hours.		
	TWA: 100 ppm 8 hours.		
4-methylpentan-2-one	ACGIH TLV (United States, 3/2015).		
	STEL: 75 ppm 15 minutes.		
	TWA: 20 ppm 8 hours.		
	OSHA PEL (United States, 2/2013).		
	TWA: 410 mg/m <sup>3</sup> 8 hours.		
	TWA: 100 ppm 8 hours.		
Key to abbreviatior	15		
A = Acceptable Maximum Peak	S = Potential skin absorption		
CGIH = American Conference of Governmental Industrial Hygienists.	SR = Respiratory sensitization		
C = Ceiling Limit	SS = Skin sensitization		
F = Fume PEL = Internal Permissible Exposure Limit	STEL = Short term Exposure limit values TD = Total dust		
SHA = Occupational Safety and Health Administration.	TLV = Threshold Limit Value		
R = Respirable	TWA = Time Weighted Average		

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## Section 8. Exposure controls/personal protection

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

#### 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.
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. 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>	: Chemical splash goggles and face shield.
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: neoprene, butyl rubber, nitrile rubber, natural rubber (latex)
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	<ul> <li>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.</li> </ul>
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## Section 9. Physical and chemical properties

#### **Appearance**

Physical state	: Liquid.
Color	: Not available.
Odor	: Characteristic.
Odor threshold	: Not available.
рН	: Not available.
Melting point	: Not available.
Boiling point	: >37.78°C (>100°F)
Flash point	: Closed cup: 18°C (64.4°F)
Material supports combustion.	: Yes.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Lower: 2.04% Upper: 15.27%
Evaporation rate	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 0.97
Density(lbs / gal)	: 8.1
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n- octanol/water	: Not available.
Viscosity	: Kinematic (40°C (104°F)): <0.07 cm <sup>2</sup> /s (<7 cSt)
Volatility	: 60% (v/v), 51.325% (w/w)
% Solid. (w/w)	: 48.675

# Section 10. Stability and reactivity

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

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### Section 10. Stability and reactivity

Hazardous decomposition products

: 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
<b>e</b> thanol	LC50 Inhal	ation Vapo	r	Rat	124700 mg/m <sup>3</sup>	4 hours
	LD50 Oral	_D50 Oral Rat			7 g/kg	-
1-methoxy-2-propanol	LD50 Derm	nal		Rabbit	13 g/kg	-
	LD50 Oral			Rat	5.2 g/kg	-
butan-1-ol	LC50 Inhal	ation Vapo	r	Rat	24000 mg/m <sup>3</sup>	4 hours
	LC50 Inhal		r	Rat	8000 ppm	4 hours
	LD50 Dern	nal		Rabbit	3400 mg/kg	-
	LD50 Oral			Rat	790 mg/kg	-
2-(propyloxy)ethanol	LD50 Dern	nal		Rabbit	1.337 g/kg	-
	LD50 Oral			Rat	3089 mg/kg	-
ethylbenzene	LC50 Inhal		r	Rat	4000 ppm	4 hours
	LD50 Dern	nal		Rabbit	17.8 g/kg	-
	LD50 Oral			Rat	3.5 g/kg	-
4-methylpentan-2-one	LC50 Inhal	ation Vapo	r	Rat	32772 mg/m <sup>3</sup>	4 hours
	LD50 Oral			Rat	2.08 g/kg	-
Conclusion/Summary	: There are	e no data a	vailable on th	e mixture itsel	f.	
Irritation/Corrosion						
Conclusion/Summary						
Skin	: There are	e no data a	vailable on th	e mixture itsel	f.	
Eyes	: There are	There are no data available on the mixture itself.				
Respiratory	: There are	There are no data available on the mixture itself.				
Sensitization						
Conclusion/Summary						
Skin	: There are	: There are no data available on the mixture itself.				
Respiratory	: There are no data available on the mixture itself.					
Mutagenicity						
Conclusion/Summary	: There are no data available on the mixture itself.					
<b>Carcinogenicity</b>						
Conclusion/Summary						
<u>Classification</u>	•					
Product/ingredient name	OSHA	IARC	NTP			
ethylbenzene	-	2B	-			
4-methylpentan-2-one	-	2B	-			

Carcinogen Classification code:

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### Section 11. Toxicological information

IARC: 1, 2A, 2B, 3, 4	
NTP: Known to be a human carcinogen; Reasonably anticipated to be a	a human carcinogen
OSHA: +	
Not listed/not regulated: -	

#### Reproductive toxicity

Conclusion/Summary :	There are no data available on the mixture itself.
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#### **Teratogenicity**

**Conclusion/Summary** : There are no data available on the mixture itself.

or cornea.

Specific target organ toxicity (single exposure)

Name	Category
1-methoxy-2-propanol	Category 3
butan-1-ol	Category 3
4-methylpentan-2-one	Category 3

#### Specific target organ toxicity (repeated exposure)

Name	Category
1-methoxy-2-propanol	Category 2
ethylbenzene	Category 2

#### Target organs

: Contains material which causes damage to the following organs: brain, central nervous system (CNS). Contains material which may cause damage to the following organs: blood, kidneys, lungs, the reproductive system, liver, heart, upper respiratory tract, skin, ears, eye, lens

#### **Aspiration hazard**

Name	Result
ethylbenzene	ASPIRATION HAZARD - Category 1

#### Information on the likely routes of exposure

Potential acute health effec	<u>ts</u>
Eye contact	: Causes serious eye damage.
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: Can cause central nervous system (CNS) depression.
Over-exposure signs/symp	toms
Eye contact	: Adverse symptoms may include the following: pain watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness

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## Section 11. Toxicological information

Skin contact	: Adverse symptoms may include the following: pain or irritation redness dryness cracking	
Ingestion	<ul><li>blistering may occur</li><li>Adverse symptoms may include the following:</li></ul>	
	stomach pains	
	<u>cts and also chronic effects from short and long term exposure</u>	
Conclusion/Summary	: There are no data available on the mixture itself. <b>1-component mixtures:</b> formaldehyde is released during curing. Formaldehyde may cause irreversible effects, is irritating to the mucous membranes and may cause skin sensitization. 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, 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 effects	: There are no data available on the mixture itself.	
Potential delayed effects	: There are no data available on the mixture itself.	
Long term exposure		
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	<u>ects</u>	
General	: May cause 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	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.	
Mutagenicity	No known significant effects or critical hazards.	
Teratogenicity	: No known significant effects or critical hazards.	
<b>Developmental effects</b>	No known significant effects or critical hazards.	
Fertility effects	: No known significant effects or critical hazards.	
Numerical measures of toxi	<u>sity</u>	
Acute toxicity estimates		
Route	ATE value	
Oral	4746.6 mg/kg	
Dermal	12307.7 mg/kg	

Exposure 48 hours 96 hours

96 hours

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### Section 11. Toxicological information

### Section 12. Ecological information

<u>Toxicity</u>				
Product/ingredient name	Result	Species		
	Acute LC50 23300 mg/l Acute LC50 >4500 mg/l Fresh water	Daphnia Fish		
ethylbenzene	Acute LC50 150 to 200 mg/l Fresh water	Fish - Lepomis macrochirus - Young of the year		

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
ethanol ethylbenzene	-	-	Readily Readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
<b>e</b> thanol	-0.31	-	low
butan-1-ol	0.88	-	low
2-(propyloxy)ethanol	0.08	-	low
ethylbenzene	3.15	79.43	low
4-methylpentan-2-one	1.31	-	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. 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.

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### Section 13. Disposal considerations

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	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class (es)	3	3	3
Packing group	П	11	11
Environmental hazards Marine pollutant substances	No. Not applicable.	No. Not applicable.	No. Not applicable.

#### **Additional information**

DOT	: None identified.
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.

### Section 15. Regulatory information

#### United States

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

#### SARA 302/304

SARA 304 RQ : Not applicable.

**Composition/information on ingredients** 

No products were found.

SARA 311/312

Classification

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

**Composition/information on ingredients** 

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### Section 15. Regulatory information

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
ethanol	Yes.	No.	No.	Yes.	No.
1-methoxy-2-propanol	Yes.	No.	No.	Yes.	Yes.
butan-1-ol	Yes.	No.	No.	Yes.	No.
2-(propyloxy)ethanol	Yes.	No.	No.	Yes.	No.
ethylbenzene	Yes.	No.	No.	Yes.	Yes.
4-methylpentan-2-one	Yes.	No.	No.	Yes.	Yes.

	Chemical name	<u>CAS number</u>	<b>Concentration</b>
Supplier notification	: butan-1-ol	71-36-3	5 - 10
	2-(propyloxy)ethanol	2807-30-9	1 - 5
	ethylbenzene	100-41-4	0.1 - 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.

#### California Prop. 65

**SARA 313** 

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### Section 16. Other information

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

```
Health : 3 * Flammability : 3 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.)

Health : 3 Flamma	bility : 3 Instability : 0
Date of previous issue	: 11/22/2015
Organization that prepared the MSDS	: 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)

United States Page: 14/15

Date of issue 1 May 2016

### Product name CLASSIC 35 MATTE SYN1636 BASE

### Section 16. Other information

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.