SAFETY DATA SHEET



Conforms to Official Mexican Standard NOM-018-STPS-2015

Date of issue/Date of revision 1 September 2018 Version 1.02

SECTION 1: Identification of the substance/mixture and of the company/undertaking

| Product name | : AMERCOAT 5108 PRIMER JD GREEN |
|--------------------------------------|--|
| Product code | : 00348443 |
| Other means of identification | : Not applicable. |
| Product type | : Liquid. |
| Relevant identified uses of | the substance or mixture and uses advised against |
| Product use | : Professional applications, Used by spraying. |
| Use of the substance/ mixture | : Coating. |
| Uses advised against | : Not applicable. |
| Manufacturer | : PPG Industries, Inc. One PPG Place Pittsburgh, PA 15272 |
| <u>Emergency telephone</u> number | : (412) 434-4515 (U.S.) (514) 645-1320 (Canada) 01-800-00-21-400 or + 52 55 5559 1588 (Mexico) |
| Technical Phone Number | : 888-977-4762 |
| | |

SECTION 2: Hazards identification

| Classification of the | : FLAMMABLE LIQUIDS - Category 3 |
|------------------------------|--|
| substance or mixture | SKIN SENSITIZATION - Category 1 |
| | CARCINOGENICITY - Category 1A |
| | TOXIC TO REPRODUCTION (Fertility) - Category 2 |
| | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central |
| | nervous system (CNS)) - Category 1 |
| | Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 74.8% (Oral), 86.3% (Dermal), 41.7% (Inhalation) |
| GHS label elements | |
| | |
| Hazard pictograms | |
| | |
| | |
| | |
| Signal word | : Danger |
| | - Danger |
| | |

Product name AMERCOAT 5108 PRIMER JD GREEN

SECTION 2: Hazards identification

| : | H226 - Flammable liquid and vapor. H317 - May cause an allergic skin reaction. H350 - May cause cancer. H361 - Suspected of damaging fertility. H372 - Causes damage to organs through prolonged or repeated exposure. (central nervous system (CNS)) |
|---|--|
| | |
| : | P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves. Wear protective clothing. Wear eye or face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 - Do not breathe vapor. P270 - Do not eat, drink or smoke when using this product. P264 - Wash hands thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. |
| : | P314 - Get medical attention if you feel unwell. P308 + P313 - IF exposed or concerned: Get medical attention. P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P302 + P352 + P362+P364 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. P333 + P313 - If skin irritation or rash occurs: Get medical attention. |
| 1 | P405 - Store locked up. |
| : | P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| : | 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. Sanding and grinding dusts may be harmful if inhaled. Prolonged or repeated contact may dry skin and cause irritation. 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. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Emits toxic fumes when heated. |
| | |

See toxicological information (Section 11)

SECTION 3: Composition/information on ingredients

| Substance/mixture | : | Mixture |
|----------------------------------|---|-------------------------------|
| Product name | : | AMERCOAT 5108 PRIMER JD GREEN |
| Other means of identification | : | Not applicable. |

| Ingredient name | % | CAS number |
|---|-------------|------------|
| Stoddard solvent | ≥5.0 - <10 | 8052-41-3 |
| Distillates (petroleum), hydrotreated light | ≥5.0 - ≤10 | 64742-47-8 |
| Talc , not containing asbestiform fibres | ≥5.0 - ≤10 | 14807-96-6 |
| titanium dioxide | ≥1.0 - ≤5.0 | 13463-67-7 |
| crystalline silica, respirable powder (>10 microns) | ≤1.0 | 14808-60-7 |
| cobalt bis(2-ethylhexanoate) | <1.0 | 136-52-7 |

Product name AMERCOAT 5108 PRIMER JD GREEN

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

Description of necessary first aid measures

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

Most important symptoms/effects, acute and delayed

Potential acute health effects

| Eye contact Inhalation Skin contact | No known significant effects or critical hazards. No known significant effects or critical hazards. Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction. |
|---|--|
| Ingestion | : No known significant effects or critical hazards. |

Over-exposure signs/symptoms

See toxicological information (Section 11)

| Indication of immediate mee | <u>dica</u> | I attention and special treatment needed, if necessary |
|-----------------------------|-------------|---|
| Notes to physician | : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments | 1 | 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. |

SECTION 5: Firefighting measures

| Extinguishing media | |
|--------------------------------|--|
| Suitable extinguishing media | : Use dry chemical, CO ₂ , water spray (fog) or foam. |
| Unsuitable extinguishing media | : Do not use water jet. |

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SECTION 5: Firefighting measures

| Specific hazards arising from the chemical | : | Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. |
|---|---|--|
| Hazardous thermal decomposition products | : | Decomposition products may include the following materials: carbon 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. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from personnel 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 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". : Avoid dispersal of spilled material and runoff and contact with soil, waterways, **Environmental precautions** 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 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. : Stop leak if without risk. Move containers from spill area. Use spark-proof tools Large spill 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 noncombustible, 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.

Product name AMERCOAT 5108 PRIMER JD GREEN

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. Avoid exposure during pregnancy. 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 | : | Ingestion of product or cured coating may be harmful. 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 | : | Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. |

SECTION 8: Exposure controls/personal protection

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

SECTION 8: Exposure controls/personal protection

| SECTION 8: Exposure | controls/persona | пÞ | IOLECTION |
|---|--|------------------------------------|---|
| Ingredient name | | | Exposure limits |
| Stoddard solvent | | | NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 100 ppm 8 hours. |
| Distillates (petroleum), hydrotreated light | | | ACGIH TLV (United States, 3/2017). Absorbed through skin. |
| Talc , not containing asbestiform fibres | | | TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours. NOM-010-STPS-2014 (Mexico, 4/2016). STEL: 2 mg/m ³ 15 minutes. Form: Respirable |
| titanium dioxide | | | NOM-010-STPS-2014 (Mexico, 4/2016). |
| crystalline silica, respirable powder | (>10 microns) | | TWA: 10 mg/m ³ 8 hours. NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.025 mg/m ³ 8 hours. Form: |
| cobalt bis(2-ethylhexanoate) | | | Respirable NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.02 mg/m ³ , (as Co) 8 hours. |
| | Key to abbreviations | | |
| C = Ceiling Limit IPEL = Internal Permissible Exposure L | imit | STEL TLV TWA | Short term exposure limitThreshold Limit ValueTime Weighted Average |
| Consult local authorities for acce | eptable exposure limits. | | |
| of pr st | f the ventilation or other contro rotective equipment. Referen | l mea ce sh al gu | may be required to determine the effectivenes asures and/or the necessity to use respiratory ould be made to appropriate monitoring idance documents for methods for the ces will also be required. |
| controls ve co al | entilation or other engineering ontaminants below any recom | contr mend [•] dust | Jse process enclosures, local exhaust ols to keep worker exposure to airborne led or statutory limits. The engineering contro concentrations below any lower explosive n equipment |
| Environmental exposure : El controls th ca | missions from ventilation or w ley comply with the requireme ases, fume scrubbers, filters o | ork pi nts of r eng | rocess equipment should be checked to ensure environmental protection legislation. In some ineering modifications to the process ce emissions to acceptable levels. |
| ea Ai C cc | ating, smoking and using the l ppropriate techniques should ontaminated work clothing sh ontaminated clothing before re | avato be us buld r susing | roughly after handling chemical products, befory and at the end of the working period. ed to remove potentially contaminated clothing not be allowed out of the workplace. Wash g. Ensure that eyewash stations and safety |
| | nowers are close to the works afety glasses with side shields | | IOCATION. |

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SECTION 8: Exposure controls/personal 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. |

SECTION 9: Physical and chemical properties

| <u>Appearance</u> | | |
|--|---|---|
| Physical state | 1 | Liquid. |
| Color | 1 | Green. |
| Odor | 1 | Characteristic. |
| Odor threshold | : | Not available. |
| Molecular weight | | Not applicable. |
| рН | 4 | Not available. |
| Melting point | 1 | Not available. |
| Boiling point | 1 | >37.78°C (>100°F) |
| Flash point | 1 | Closed cup: 23.89°C (75°F) |
| Material supports combustion. | : | Yes. |
| Auto-ignition temperature | 1 | Not available. |
| Decomposition temperature | 1 | Not available. |
| Flammability (solid, gas) | 1 | Not available. |
| Lower and upper explosive (flammable) limits | : | Not available. |
| Evaporation rate | 4 | Not available. |
| Vapor pressure | 1 | Not available. |
| Vapor density | 1 | Not available. |
| Relative density | 1 | 1.5 |
| Density(lbs / gal) | : | 12.52 |
| Solubility | : | Insoluble in the following materials: cold water. |

SECTION 9: Physical and chemical properties

| Solubility in water | : Not available. |
|--|--|
| Partition coefficient: n- octanol/water | : Not available. |
| Viscosity | : Kinematic (40°C (104°F)): >0.21 cm ² /s (>21 cSt) |
| Volatility | : 50% (v/v), 28% (w/w) |
| % Solid. (w/w) | : 72 |

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

| <u>Acute</u> | toxicity | |
|--------------|----------|--|
| | | |

| Product/ingredient name | Result | Species | Dose | Expo | sure | |
|------------------------------|----------------------------------|--|-------------|-------|------------|--|
| Stoddard solvent | LD50 Oral | Rat | >5 g/kg | - | | |
| titanium dioxide | LC50 Inhalation Dusts and mists | Rat | >6.82 mg/l | 4 hou | urs | |
| | LD50 Dermal | Rabbit | >5000 mg/kg | - | | |
| | LD50 Oral | Rat | >5000 mg/kg | - | | |
| cobalt bis(2-ethylhexanoate) | LD50 Dermal | Rabbit | >5 g/kg | - | | |
| | LD50 Oral | Rat | 1.22 g/kg | - | | |
| Conclusion/Summary | : There are no data available on | the mixture itse | lf. | | | |
| Irritation/Corrosion | | | | | | |
| Conclusion/Summary | | | | | | |
| Skin | : There are no data available on | the mixture itse | lf. | | | |
| Eyes | : There are no data available on | There are no data available on the mixture itself. | | | | |
| Respiratory | : There are no data available on | There are no data available on the mixture itself. | | | | |
| Sensitization | | | | | | |
| Conclusion/Summary | | | | | | |
| Skin | : There are no data available on | the mixture itse | lf. | | | |
| Respiratory | : There are no data available on | the mixture itse | lf. | | | |
| Mutagenicity | | | | | | |
| Conclusion/Summary | : There are no data available on | the mixture itse | lf. | | | |
| | | | Me | exico | Page: 8/13 | |

SECTION 11: Toxicological information

Carcinogenicity

Conclusion/Summary

: There are no data available on the mixture itself.

Classification

| Product/ingredient name | OSHA | IARC | NTP |
|--|------|---------|--|
| titanium dioxide crystalline silica, respirable powder (>10 microns) | - | 2B 1 | - Known to be a human carcinogen. |
| cobalt bis(2-ethylhexanoate) | - | 2B | Reasonably anticipated to be a human carcinogen. |

Carcinogen Classification code:

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

Reproductive toxicity

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

Teratogenicity

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

Specific target organ toxicity (single exposure)

| Name | | Route of exposure | Target organs |
|--|------------|----------------------|---------------------------------|
| Talc , not containing asbestiform fibres | Category 3 | Not applicable. | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure)

| Name | | Route of exposure | Target organs |
|------------------|------------|----------------------|---------------------------------|
| Stoddard solvent | Category 1 | | central nervous system (CNS) |

Target organs: 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 |
| Distillates (petroleum), hydrotreated light | ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure

| Potential acute health effects | | |
|--------------------------------|---|--|
| 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/sympto | m | <u>5</u> |
| Eye contact | : | No specific data. |

Product name AMERCOAT 5108 PRIMER JD GREEN

SECTION 11: Toxicological information

| | 5 |
|---------------------------------|--|
| Inhalation | : Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations |
| Skin contact | : Adverse symptoms may include the following: irritation redness dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations |
| Ingestion | : Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations |
| Delayed and immediate effe | cts and also chronic effects from short and long term exposure |
| Conclusion/Summary | : There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. 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, 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 effe | |
| 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. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity Mutagenicity | May cause cancer. Risk of cancer depends on duration and level of exposure. No known significant effects or critical hazards. |
| mutagementy | Mexico Page: 10/13 |
| 1 | |

Mexico Page: 10/13

Product name AMERCOAT 5108 PRIMER JD GREEN

SECTION 11: Toxicological information

- Teratogenicity Developmental effects Fertility effects
- : No known significant effects or critical hazards.
- : No known significant effects or critical hazards.

: Suspected of damaging fertility.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

SECTION 12: Ecological information

Toxicity

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

Persistence and degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|--|-------------------|------------|------------------|
| Distillates (petroleum), hydrotreated light | - | - | Readily |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|--|-------------------|----------|-------------|
| Stoddard solvent Distillates (petroleum), hydrotreated light | 3.16 to 7.06 - | - 159 | high Iow |

|--|

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects

fects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

: The generation of waste should be avoided or minimized wherever possible. **Disposal methods** 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 nonrecyclable 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.

Product name AMERCOAT 5108 PRIMER JD GREEN

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

SECTION 14: Transport information

| | Mexico Classification | IMDG | ΙΑΤΑ |
|-----------------------------------|-----------------------|-----------------|-----------------|
| UN number | UN1263 | UN1263 | UN1263 |
| UN proper shipping name | PAINT | PAINT | PAINT |
| Transport hazard class(es) | 3 | 3 | 3 |
| Packing group | III | | III |
| Environmental hazards | No. | No. | No. |
| Marine pollutant substances | Not applicable. | Not applicable. | Not applicable. |
| Product RQ (lbs) | Not applicable. | Not applicable. | Not applicable. |
| RQ substances | Not applicable. | Not applicable. | Not applicable. |

Additional information

Mexico: None identified.IMDG: None identified.

IATA : None identified.

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

SECTION 15: Regulatory information

<u>Mexico</u>

Classification

Flammability : 3 Health : 2 Reactivity : 0

International regulations

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

SECTION 16: Other information

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

Health : 2 * 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. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

| Date of previous issue | : 5/17/2018 |
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| 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 = International Air Transport Association IBC = 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 |

Indicates information that has changed from previously issued version.

Notice to reader

The information, which is based on the current knowledge of the chemical substance or mixture and applies to appropriate safety precautions for the product, is deemed correct but is not exhaustive and will be used only as a guide.

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.