SAFETY DATA SHEET



Date of issue 1

15 December 2023

Version 2

Section 1. Product and company identification

| Product name |
|-------------------------------|
| Product code |
| Other means of identification |
| Product type |

- : SIGMAGUARD CSF 585 BASE BLUE 1 : 000001099277
- : 00219192; 00219194; 00310817
- : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Coating. Paints. Painting-related materials.

| Uses advised against | Reason | | |
|----------------------|--------|--|--|
| Not applicable. | | | |

| Supplier's details: | |
|----------------------------|---|
| Supplier | PPG Industries Colombia Ltda Calle 51 # 40-13 Municipio de Itagüí Antioquia, Colombia (57) (4) 3787400 (Porteria) |
| Email address: | : HazComLatam@ppg.com |
| Emergency telephone number | : Colombia: 01 8000 916012 (CISPROQUIM) + 571 288 6012 (CISPROQUIM) Ecuador: 1800-59-3005 (CISPROQUIM) Peru: 080-050-847 (CISPROQUIM) |

Section 2. Hazards identification

| Classification of the substance or mixture | : SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A |
|--|--|
| Target organs | AQUATIC HAZARD (ACUTE) - Category 2 AQUATIC HAZARD (LONG-TERM) - Category 2 Contains material which may cause damage to the following organs: lungs, cardiovascular system, upper respiratory tract, skin, eyes. |
| | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 28.8% |

GHS label elements

| English (US) | Colombia |
|--------------|----------|
|--------------|----------|

Section 2. Hazards identification

| Hazard pictograms | : | |
|----------------------------|---|--|
| Signal word | : | Danger |
| Hazard statements | : | Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause cancer. Toxic to aquatic life with long lasting effects. |
| Precautionary statements | | |
| Prevention | : | Obtain special instructions before use. Wear protective gloves, protective clothing and eye or face protection. Avoid release to the environment. Avoid breathing vapor. Wash thoroughly after handling. |
| Response | : | Collect spillage. IF exposed or concerned: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. |
| Storage | 1 | Not applicable. |
| Disposal | : | Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Other hazards which do not | : | None known. |

result in classification

Section 3. Composition/information on ingredients

| Substance/mixture | : | Mixture |
|----------------------------------|---|------------------------------|
| Other means of identification | : | 00219192; 00219194; 00310817 |

CAS number/other identifiers

| CAS number : Not applicable. | | |
|---|--|---|
| Ingredient name | % | CAS number |
| bis-[4-(2,3-epoxipropoxi)phenyl]propane 1,6-bis(2,3-epoxypropoxy)hexane Talc , not containing asbestiform fibres titanium dioxide crystalline silica, respirable powder (>10 microns) | 30 - <60 12.5 - <15 3 - <5 3 - <5 0.1 - <0.2 | 1675-54-3 16096-31-4 14807-96-6 13463-67-7 14808-60-7 |

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.

SUB codes represent substances without registered CAS Numbers.

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. |
| Indication of immediate med | lica | l attention and special treatment needed, if necessary |
| Notes to physician Specific treatments | | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. 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. |
| Potential acute health effects | | |
| Eye contact Inhalation Skin contact Ingestion | : | Causes serious eye irritation. No known significant effects or critical hazards. Causes skin irritation. May cause an allergic skin reaction. No known significant effects or critical hazards. |

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. This material is toxic 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 oxides halogenated compounds 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. |
| 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, prote | ctive equipment and emergency procedures |
|--------------------------------|--|
| For non-emergency personnel | : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage. |
| Methods and materials for c | ontainment 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 disposal contractor. |
| Large spill | : Stop leak if without risk. Move containers from spill area. Approach release from |

| | 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. Hand | ling and storage |
| Precautions for safe handling | : 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 ingest. Avoid breathing vapor or mist. Avoid release to the environment. 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. |

upwind. Prevent entry into sewers, water courses, basements or confined areas.

| Conditions for safe storage, | : Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in |
|------------------------------|--|
| including any | accordance with local regulations. Store in original container protected from direct |
| incompatibilities | sunlight in a dry, cool and well-ventilated area, away from incompatible materials |
| | (see Section 10) and food and drink. Store locked up. 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. |
| | See Section 10 for incompatible materials before handling or use. |

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | | Exposure limits | | | | |
|-----------------------------------|---|---|--|--|--|--|
| √alc , not containing asbestife | orm fibres | ACGIH TLV (United States, 1/2023). TWA: 2 mg/m ³ 8 hours. Form: Respira | ACGIH TLV (United States, 1/2023). TWA: 2 mg/m ³ 8 hours. Form: Respirable | | | |
| titanium dioxide | | ACGIH TLV (United States, 1/2023). TWA: 2.5 mg/m ³ 8 hours. Form: respi fraction, finescale particles | | | | |
| Recommended monitoring procedures | | to appropriate monitoring standards. Reference to tts for methods for the determination of hazardous uired. | | | | |
| Appropriate engineering controls | local exhaust ventilation or | dust, fumes, gas, vapor or mist, use process enclo other engineering controls to keep worker exposur- w any recommended or statutory limits. | | | | |
| Environmental exposure controls | : Emissions from ventilation they comply with the requir cases, fume scrubbers, filt | 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. | | | | |
| ndividual protection measur | <u>es</u> | | | | | |
| Hygiene measures | before eating, smoking and Appropriate techniques sho Contaminated work clothin | face thoroughly after handling chemical products, using the lavatory and at the end of the working pe- ould be used to remove potentially contaminated clo g should not be allowed out of the workplace. Was re reusing. Ensure that eyewash stations and safe prkstation location. | eriod. othing. sh | | | |
| Eye protection | : Chemical splash goggles. | | | | | |
| Skin protection | - | | | | | |
| Hand protection | be worn at all times when h this is necessary. Conside check during use that the g should be noted that the tin different for different glove | ous gloves complying with an approved standard s andling chemical products if a risk assessment ind ring the parameters specified by the glove manufac loves are still retaining their protective properties. The to breakthrough for any glove material may be manufacturers. In the case of mixtures, consisting otection time of the gloves cannot be accurately | licates cturer, It | | | |
| Gloves | : butyl rubber | | | | | |
| Body protection | being performed and the ri | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. | | | | |
| Other skin protection | : Appropriate footwear and a selected based on the task | 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 | hazards of the product and workers are exposed to co appropriate, certified respir | the safe working limits of the selected respirator. In the safe working limits of the selected respirator. In the centrations above the exposure limit, they must us ators. Use a properly fitted, air-purifying or air-fed in approved standard if a risk assessment indicates | lf se | | | |
| | | English (US) Colombia | 5/12 | | | |

Section 9. Physical and chemical properties

| <u>Appearance</u> | | | | |
|--|---|---|--|--|
| Physical state | : | Liquid. | | |
| Color | : | Blue. | | |
| Odor | : | Characteristic. | | |
| рН | : | Not applicable. | | |
| Melting point | : | Not available. | | |
| Boiling point | : | >37.78°C (>100°F) | | |
| Flash point | : | Closed cup: 130°C (266°F) | | |
| Evaporation rate | : | Not available. | | |
| Flammability (solid, gas) | : | Not available. | | |
| Lower and upper explosive (flammable) limits | : | Not available. | | |
| Vapor pressure | : | Not available. | | |
| Vapor density | : | Not available. | | |
| Relative density | : | 1.41 | | |
| Solubility(ies) | | Media Result | | |
| | Ċ | cold water Not soluble | | |
| Partition coefficient: n- octanol/water | : | Not applicable. | | |
| Auto-ignition temperature | : | Not available. | | |
| Decomposition temperature | : | Not available. | | |
| Viscosity | : | Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt) | | |
| Viscosity | : | 60 - 100 s (ISO 6mm) | | |

Section 10. Stability and reactivity

| Reactivity | : No specific test data related to reactivity available for this product or its ingredient | S. |
|------------------------------------|---|--------|
| 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. | |
| Incompatible materials | : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids. | |
| Hazardous decomposition products | : Depending on conditions, decomposition products may include the following mate carbon oxides halogenated compounds metal oxide/oxides | rials: |

Section 11. Toxicological information

Information on toxicological effects

| Acute toxicity | | | | | | | | |
|---|---|----------------------|--|-------------------|--|--|--|--|
| Product/ingredient name | Result | Species | Dose | Exposure | | | | |
| øis-[4-(2,3-epoxipropoxi) phenyl]propane | LD50 Dermal | Rabbit | 23000 mg/kg | - | | | | |
| | LD50 Oral | Rat | 15000 mg/kg | - | | | | |
| titanium dioxide | LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral | Rat Rabbit Rat | >6.82 mg/l >5000 mg/kg >5000 mg/kg | 4 hours - - | | | | |

| Conclusion/Summary Irritation/Corrosion | : There are no data available on the mixture itself. | | | | | | |
|---|--|---------|-------|----------|-------------|--|--|
| Product/ingredient name | Result | Species | Score | Exposure | Observation | | |
| pís-[4-(2,3-epoxipropoxi) phenyl]propane | Eyes - Mild irritant | Rabbit | - | 24 hours | - | | |
| | Eyes - Redness of the conjunctivae | Rabbit | 0.4 | 24 hours | - | | |
| | Skin - Edema | Rabbit | 0.5 | 4 hours | - | | |
| | Skin - Erythema/Eschar | Rabbit | 0.8 | 4 hours | - | | |
| | Skin - Mild irritant | Rabbit | - | 4 hours | - | | |

Conclusion/Summary

| Skin : There are no data available on the mixture itse | elf. |
|--|------|
|--|------|

- Eyes : There are no data available on the mixture itself. : There are no data available on the mixture itself.
- Respiratory **Sensitization**

Product/ingredient name Route of Species Result exposure skin bís-[4-(2,3-epoxipropoxi) Mouse Sensitizing phenyl]propane ~ 10 .

| <u>Conclusion/Summary</u> | | |
|---------------------------|--|--|
| Skin | : There are no data available on the mixture itself. | |
| Respiratory | : There are no data available on the mixture itself. | |
| <u>Mutagenicity</u> | | |
| Not available. | | |
| Conclusion/Summary | : There are no data available on the mixture itself. | |
| Carcinogenicity | | |

Not available.

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

Classification

| Product/ingredient name | OSHA | IARC | NTP |
|---|-------------|--------------|---|
| ▶is-[4-(2,3-epoxipropoxi) phenyl]propane titanium dioxide crystalline silica, respirable powder (>10 microns) | - - + | 3 2B 1 | - - Known to be a human carcinogen. |

| English (US) | Colombia | |
|--------------|----------|--|
| | | |

Section 11. Toxicological information

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

Not available.

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

Teratogenicity

Not available.

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 | - | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure)

Not available.

<u>Target organs</u>

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

Aspiration hazard

Not available.

| Information on the likely routes of exposure Potential acute health effects | : Not available. |
|---|---|
| Eye contact | Causes serious eye irritation. |
| Inhalation | : No known significant effects or critical hazards. |
| Skin contact | : 🗹auses skin irritation. May cause an allergic skin reaction. |
| Ingestion | : 📈 known significant effects or critical hazards. |
| Eye contact | vsical, chemical and toxicological characteristics Adverse symptoms may include the following: pain or irritation watering redness |
| Inhalation | : No specific data. |
| Skin contact | : Adverse symptoms may include the following: irritation redness |
| Ingestion | : No specific data. |

Section 11. Toxicological information

| | | - |
|--------------------------------|-----|---|
| Delayed and immediate effec | :ts | 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 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). 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. |
| <u>Long term exposure</u> | | |
| Potential immediate effects | : | There are no data available on the mixture itself. |
| Potential delayed effects | : | There are no data available on the mixture itself. |
| Potential chronic health eff | ect | <u>s</u> |
| Not available. | | |
| General | 1 | Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity | 1 | May cause cancer. Risk of cancer depends on duration and level of exposure. |
| Mutagenicity | 1 | No known significant effects or critical hazards. |
| Reproductive toxicity | 1 | No known significant effects or critical hazards. |
| | | |

Numerical measures of toxicity

Acute toxicity estimates

| Product/ingredient name | | Dermal (mg/kg) | Inhalation (gases) (ppm) | (vapors) | Inhalation (dusts and mists) (mg/l) |
|---------------------------------------|-------|-------------------|--------------------------------|----------|--|
| s-[4-(2,3-epoxipropoxi)phenyl]propane | 15000 | 23000 | N/A | N/A | N/A |

Other information

: Not available.

Section 12. Ecological information

| Ecotoxicity | | | | | |
|---|---|---|---------------------|--|--|
| Product/ingredient name | Result | Species | Exposure | | |
| bis-[4-(2,3-epoxipropoxi) phenyl]propane | Acute LC50 1.8 mg/l Fresh water | Daphnia - <i>daphnia magna</i> | 48 hours | | |
| titanium dioxide | Chronic NOEC 0.3 mg/l Acute LC50 >100 mg/l Fresh water | Daphnia Daphnia - <i>Daphnia magna</i> | 21 days 48 hours | | |

Persistence/degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|---|-------------------|------------|------------------|
| ቓís-[4-(2,3-epoxipropoxi) phenyl]propane | - | - | Not readily |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| | 0.822 | - | Low |

| Mobi | lity | in | soil |
|------|------|----|------|
| | | | |

| Soil/water partition | : Not available. |
|----------------------|------------------|
| coefficient (Koc) | |

Other adverse effects

: No known significant effects or critical hazards.

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. |
|------------------|---|
| | 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. |

Section 14. Transport information

| | UN | Brazil (ANTT) | IMDG | ΙΑΤΑ | |
|-----------------------------|--|--|--|--|--|
| UN number | UN3082 | UN3082 | UN3082 | UN3082 | |
| UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | |
| English (US) Colombia 10/12 | | | | | |

| Code | 000001099277 | Date of issue | 15 December 2023 | Version | 2 | |
|-------------|--------------------------|---------------|------------------|---------|---|--|
| Product nam | ne SIGMAGUARD CSF 585 BA | ASE BLUE 1 | | | | |

Section 14. Transport information

| | (bis-[4- (2,3-epoxipropoxi) phenyl]propane) | (bis-[4- (2,3-epoxipropoxi) phenyl]propane) | (bis-[4- (2,3-epoxipropoxi) phenyl]propane) | (bis-[4- (2,3-epoxipropoxi) phenyl]propane) | |
|--------------------------------|---|---|---|---|--|
| Transport hazard class(es) | 9 | 9 | 9 | 9 | |
| Packing group | Ш | III | Ш | III | |
| Environmental hazards | Yes. | Yes. | Yes. | Yes. | |
| Marine pollutant substances | Not applicable. | Not applicable. | (bis-[4- (2,3-epoxipropoxi) phenyl]propane) | Not applicable. | |

Additional information

| UN | This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. | | |
|--------------------|--|--|--|
| Brazil | This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. | | |
| Risk number | : 90 | | |
| IMDG | This product is not regulated as a dangerous good when transported in sizes of \leq 5 L or \leq 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. | | |
| ΙΑΤΑ | This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8. | | |
| Special precauti | ons 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 | | |

| | the event of an accident or spillage. | |
|-----------------------------|---------------------------------------|--|
| Transport in bulk according | : Not applicable. | |

to IMO instruments

Section 15. Regulatory information

| Safety, health and | : | No known specific national and/or regional regulations applicable to this product |
|---------------------------|---|---|
| environmental regulations | | (including its ingredients). |
| specific for the product | | |

Section 16. Other information

History

| Date of previous issue | : 11/29/2022 |
|------------------------|--------------|
| Version | : 2 |
| | EHS |

Section 16. Other information

| Key to abbreviations | : ADN = European Provisions concerning the International Carriage of Dangerous |
|----------------------|---|
| - | Goods by Inland Waterway |
| | ADR = The European Agreement concerning the International Carriage of |
| | Dangerous Goods by Road |
| | ATE = Acute Toxicity Estimate |
| | BCF = Bioconcentration Factor |
| | GHS = Globally Harmonized System of Classification and Labelling of Chemicals |
| | IATA = International Air Transport Association |
| | 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) |
| | RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail |
| | UN = United Nations |
| References | : ABNT NBR 14725-4: 2014 ANTT - National Land Transportation Agency |
| | |

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.