SAFETY DATA SHEET

: 3.04

United Arab

Date of issue/Date of revision

: 25 October 2023

Version

| SECTION 1: Identification of the substance/mixture and of the company/ undertaking | | | |
|---|---|--|--|
| 1.1 Product identifier | | | |
| Product name | : PPG AQUACOVER 40 | | |
| Product code | : 00199313 | | |
| Other means of identificati | on | | |
| Not available. | | | |
| 1.2 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 | : Product is not intended, labelled or packaged for consumer use. | | |
| 1.3 Details of the supplier of | the safety data sheet | | |
| Sigma Paint Saudi Arabia Lto PO Box 7509 Dammam 31472 Saudi Arabia Tel: 00966 138 47 31 00 Fax: 00966 138 47 17 34 | l. | | |
| e-mail address of person responsible for this SDS | : ndpic@sfda.gov.sa | | |
| 1.4 Emergency telephone number | : 00966 138473100 extn 1001 | | |

SECTION 2: Hazards identification

| 2.1 Classification of the substance or mixture |
|--|
| Product definition : Mixture Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] |
| Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended |
| See Section 16 for the full text of the H statements declared above. See Section 11 for more detailed information on health effects and symptoms. |
| 2.2 Label elements |
| Hazard pictograms : |

Signal word

: Warning

| Code : 00199313 PPG AQUACOVER 40 | Date of issue/Date of revision : 25 October 2023 |
|---|--|
| SECTION 2: Hazards | identification |
| Hazard statements | : May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. |
| Precautionary statements | |
| Prevention | : Wear protective gloves. Avoid release to the environment. Avoid breathing vapour. |
| Response | : Collect spillage. Take off contaminated clothing and wash it before reuse. |
| Storage | : Not applicable. |
| Disposal | Dispose of contents and container in accordance with all local, regional, national and international regulations. P280, P273, P261, P391, P362 + P364, P501 |
| Hazardous ingredients | : reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol- 3-one (3:1) |
| Supplemental label elements | : Not applicable. |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : Not applicable. |
| Special packaging requiren | <u>ients</u> |
| Containers to be fitted with child-resistant fastenings | : Not applicable. |
| Tactile warning of danger | : Not applicable. |
| 2.3 Other hazards | |
| Product meets the criteria | : This mixture does not contain any substances that are assessed to be a PBT or a vP |

for PBT or vPvB Other hazards which do : None known. not result in classification

SECTION 3: Composition/information on ingredients

| 3.2 Mixtures | : Mixture | | | | |
|---|--|-------------|---|---|---------|
| Product/ingredient name | Identifiers | % | Classification | Specific Conc. Limits, M-factors and ATEs | Туре |
| zinc oxide | REACH #: 01-2119463881-32 EC: 215-222-5 CAS: 1314-13-2 Index: 030-013-00-7 | ≥1.0 - ≤5.0 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | M [Acute] = 1 M [Chronic] = 1 | [1] |
| 2-butoxyethanol | REACH #: 01-2119475108-36 EC: 203-905-0 CAS: 111-76-2 Index: 603-014-00-0 | <1.0 | Acute Tox. 4, H302 Acute Tox. 3, H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 | ATE [Oral] = 1200 mg/ kg ATE [Inhalation (vapours)] = 3 mg/l | [1] [2] |
| reaction mass of 5-chloro- 2-methyl-2H-isothiazol- 3-one and 2-methyl-2H- | REACH #: 01-2120764691-48 EC: 911-418-6 | ≤0.015 | Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 | ATE [Oral] = 53 mg/kg ATE [Dermal] = 50 mg/ kg | |
| English (GB) United Arab Emirates 2/13 | | | | | 2/13 |

Code: 00199313Date of issue/Date of revisionPPG AQUACOVER 40

: 25 October 2023

SECTION 3: Composition/information on ingredients

| | | - | |
|------------------------|---------------------|-------------------------|-----------------------|
| isothiazol-3-one (3:1) | CAS: 55965-84-9 | Skin Corr. 1C, H314 | ATE [Inhalation |
| | Index: 613-167-00-5 | Eye Dam. 1, H318 | (vapours)] = 0.5 mg/l |
| | | Skin Sens. 1A, H317 | Skin Corr. 1C, H314: |
| | | Aquatic Acute 1, H400 | C ≥ 0.6% |
| | | Aquatic Chronic 1, H410 | Skin Irrit. 2, H315: |
| | | EUH071 | 0.06% ≤ C < 0.6% |
| | | | Eye Dam. 1, H318: C |
| | | | ≥ 0.6% |
| | | | Eye Irrit. 2, H319: |
| | | | 0.06% ≤ C < 0.6% |
| | | | Skin Sens. 1, H317: C |
| | | | ≥ 0.0015% |
| | | | M [Acute] = 100 |
| | | | M [Chronic] = 100 |
| | | See Section 16 for | |
| | | the full text of the H | |
| | | statements declared | |
| | | above. | |

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SUB codes represent substances without registered CAS Numbers.

SECTION 4: First aid measures

4.1 Description of 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 recognised skin cleanser. Do NOT use solvents or thinners. |
| Ingestion | : | If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting. |
| Protection of first-aiders | : | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

4.2 Most important symptoms and effects, both acute and delayed

| Potential acute healt | h effects | | | |
|------------------------------|---|--|--|--|
| Eye contact | : No known significant effects or critical hazards. | | | |
| Inhalation | : No known significant effects or critical hazards. | | | |
| Skin contact | : May cause an allergic skin reaction. | | | |
| Ingestion | : No known significant effects or critical hazards. | | | |
| Over-exposure signs/symptoms | | | | |
| Eye contact | : No specific data. | | | |
| Inhalation | : No specific data. | | | |

| Code | : 00199313 | Date of issue/Date of revision | : 25 October 2023 |
|-----------|------------|--------------------------------|-------------------|
| PPG AQUAC | OVER 40 | | |

SECTION 4: First aid measures

| Skin contact | : Adverse symptoms may include the following: irritation redness |
|--------------|--|
| Ingestion | : No specific data. |

4.3 Indication of any immediate medical attention and special treatment needed

| Notes to physician | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|---------------------|---|
| Specific treatments | : No specific treatment. |

SECTION 5: Firefighting measures

| 5.1 Extinguishing media Suitable extinguishing media | : Use an extinguishing agent suitable for the surrounding fire. |
|--|---|
| Unsuitable extinguishing media | : None known. |

5.2 Special hazards arising from the substance or mixture

| Hazards from the substance or mixture | 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 waterwa sewer or drain. | |
|--|--|---|
| Hazardous combustion products | Decomposition products may include the following materials: carbon oxides metal oxide/oxides | |
| 5.3 Advice for firefighters | | |
| Special precautions 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 breathir apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to Europe standard EN 469 will provide a basic level of protection for chemical incidents. | J |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| For non-emergency personnel | : | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
|--------------------------------|---|---|
| For emergency responders | : | If specialised 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". |
| 6.2 Environmental precautions | : | Avoid dispersal of spilt 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. |

6.3 Methods and material for containment and cleaning up

|--|

| Code : 00199313 | Date of issue/Date of revision | : 25 October 2023 |
|------------------|--------------------------------|-------------------|
| PPG AQUACOVER 40 | | |

SECTION 6: Accidental release measures

| 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 the 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. |
| 6.4 Reference to other sections | : See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information. |

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 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. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. 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. |
|--|---|
| 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. |
| 7.2 Conditions for safe storage, including any incompatibilities | : Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |

7.3 Specific end use(s)

See Section 1.2 for Identified uses.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

| Code : 00199313 | Date of issue/Date of revision | : 25 October 2023 |
|------------------|--------------------------------|-------------------|
| PPG AQUACOVER 40 | | |

| Product/ingredient n Kaolin zinc oxide | | Exposure limit values ACGIH TLV (United States, 1/2022). Notes: 1996 Adoption Refers to Appendix A Carcinogens. Respirable fraction; see Appendix C, paragraph C. TWA: 2 mg/m ³ 8 hours. Form: Respirable fraction ACGIH TLV (United States, 1/2022). Notes: Respirable fraction; see Appendix C, paragraph C. ACGIH 2003 Adoption STEL: 10 mg/m ³ 15 minutes. Form: Respirable fraction TWA: 2 mg/m ³ 8 hours. Form: Respirable fraction |
|---|---|--|
| | | Refers to Appendix A Carcinogens. Respirable fraction; see Appendix C, paragraph C. TWA: 2 mg/m ³ 8 hours. Form: Respirable fraction ACGIH TLV (United States, 1/2022). Notes: Respirable fraction; see Appendix C, paragraph C. ACGIH 2003 Adoption STEL: 10 mg/m ³ 15 minutes. Form: Respirable fraction |
| | | |
| procedures | Standard EN 689 by inhalation to cl strategy) Europe application and u biological agents requirements for agents) Reference | d be made to monitoring standards, such as the following: European (Workplace atmospheres - Guidance for the assessment of exposure hemical agents for comparison with limit values and measurement an Standard EN 14042 (Workplace atmospheres - Guide for the se of procedures for the assessment of exposure to chemical and) European Standard EN 482 (Workplace atmospheres - General the performance of procedures for the measurement of chemical ce to national guidance documents for methods for the determination ostances will also be required. |
| 8.2 Exposure controls | | |
| | Good general vei contaminants. | ntilation should be sufficient to control worker exposure to airborne |
| Individual protection measures | | |
| | eating, smoking a Appropriate techr Contaminated wo contaminated clo | earms and face thoroughly after handling chemical products, before and using the lavatory and at the end of the working period. hiques should be used to remove potentially contaminated clothing. ork clothing should not be allowed out of the workplace. Wash thing before reusing. Ensure that eyewash stations and safety e to the workstation location. |
| Eye/face protection : Sin protection : Sin protection | Safety glasses w | ith side shields. |
| | worn at all times necessary. Cons during use that the noted that the tim glove manufactur protection time of frequently repeat (breakthrough tim When only brief of (breakthrough tim The user must ch product is the mo | nt, impervious gloves complying with an approved standard should be when handling chemical products if a risk assessment indicates this is sidering the parameters specified by the glove manufacturer, check he gloves are still retaining their protective properties. It should be ne to breakthrough for any glove material may be different for different rers. In the case of mixtures, consisting of several substances, the f the gloves cannot be accurately estimated. When prolonged or ed contact may occur, a glove with a protection class of 6 he greater than 480 minutes according to EN 374) is recommended. contact is expected, a glove with a protection class of 2 or higher he greater than 30 minutes according to EN 374) is recommended. heck that the final choice of type of glove selected for handling this best appropriate and takes into account the particular conditions of use, a user's risk assessment. |
| Gloves : | nitrile rubber, but | yl rubber, PVC, Viton® |
| | | ve equipment for the body should be selected based on the task being he risks involved and should be approved by a specialist before duct. |
| | based on the tasl | vear and any additional skin protection measures should be selected k being performed and the risks involved and should be approved by a handling this product. |
| Respiratory protection : | | |

| Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 | | | | | | |
|--|------------|--------------------------------|-------------------|--|--|--|
| Code | : 00199313 | Date of issue/Date of revision | : 25 October 2023 | | | |
| PPG AQU | JACOVER 40 | | | | | |

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.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

| Physical state | | Liquid | | | | | | |
|--|-----|--|--|---|-----------------------|--------------------|------------|------------------------|
| Physical state | | Liquid. | | | | | | |
| Colour | - 1 | Various | | | | | | |
| Odour | | Amine-like. | | | | | | |
| Odour threshold | | Not available. | | | | | <u>-</u> | |
| Melting point/freezing point | | May start to solidify a for the following ingre | | | | | | sed on data |
| Initial boiling point and boiling range | 1 | >37.78°C | | | | | | |
| Flammability | : | Not available. | | | | | | |
| Upper/lower flammability or explosive limits | : | Greatest known rang 2,2,4-trimethylpentar | | | pper: 4.2% (i | sobutyri | c acid, mo | noester witl |
| Flash point | : | Closed cup: Not appl | icable. | | | | | |
| Auto-ignition temperature | : | Ingredient name | | °C | °F | | Method | |
| | | isobutyric acid, monoeste 2,2,4-trimethylpentane-1, | | 393 | 739.4 | | | |
| Decomposition temperature | : | Stable under recomn | nended st | orage ar | nd handling co | onditions | s (see Sec | tion 7). |
| pH | : | 8 | | - | _ | | · | - |
| Viscosity | : | Kinematic (40°C): >2 | 21 mm²/s | | | | | |
| Viscosity | : | 60 - 100 s (ISO 6mm | ı) | | | | | |
| Solubility(ies) | : | | | | | | | |
| Media | | Result | | | | | | |
| cold water | | Partially soluble | | | | | | |
| | | : | | | | | | |
| Partition coefficient: n-octanol/ | : | Not applicable. | | | | | | |
| Partition coefficient: n-octanol/ water | : | | Vароι | ır Press | ure at 20°C | Vap | our press | sure at 50°(|
| Partition coefficient: n-octanol/ water | | Not applicable. | Vapou mm Hg | | ure at 20°C Method | Vap mm Hg | oour press | sure at 50°(Method |
| Partition coefficient: n-octanol/ water | | | - | | 1 | mm | - 1 - | sure at 50°(Method |
| Partition coefficient: n-octanol/ water Vapour pressure | : | Ingredient name | mm Hg | kPa | 1 | mm | - 1 - | 1 |
| Partition coefficient: n-octanol/ water Vapour pressure Evaporation rate | : | Ingredient name water | mm Hg | kPa | 1 | mm | - 1 - | 1 |
| Partition coefficient: n-octanol/ water Vapour pressure Evaporation rate Relative density | | Ingredient name water Not available. | mm Hg 17.5 : 7.5 (Air | kPa 2.3 = 1) (iso | Method | mm Hg | kPa | - |
| Partition coefficient: n-octanol/ water Vapour pressure Evaporation rate Relative density Vapour density | | Ingredient name water Not available. 1.19 Highest known value | mm Hg 17.5 : 7.5 (Air ne-1,3-dio not explos | kPa 2.3 = 1) (isc i). ive, but t | Method | mm Hg monoes | kPa | Method |
| Partition coefficient: n-octanol/ water Vapour pressure Evaporation rate Relative density Vapour density Explosive properties | | Ingredient name water Not available. 1.19 Highest known value 2,2,4-trimethylpentar The product itself is r | mm Hg 17.5 : 7.5 (Air ne-1,3-dio not explos ir is possi | kPa 2.3 = 1) (isc l). ive, but t ble. | Method | mm Hg monoes | kPa | Method |
| Partition coefficient: n-octanol/ water Vapour pressure Evaporation rate Relative density Vapour density Explosive properties Oxidising properties | | Ingredient name water Not available. 1.19 Highest known value 2,2,4-trimethylpentar The product itself is r vapour or dust with a | mm Hg 17.5 : 7.5 (Air ne-1,3-dio not explos ir is possi | kPa 2.3 = 1) (isc l). ive, but t ble. | Method | mm Hg monoes | kPa | Method |
| Partition coefficient: n-octanol/ water Vapour pressure Evaporation rate Relative density Vapour density Explosive properties Oxidising properties Particle characteristics Median particle size | | Ingredient name water Not available. 1.19 Highest known value 2,2,4-trimethylpentar The product itself is r vapour or dust with a | mm Hg 17.5 : 7.5 (Air ne-1,3-dio not explos ir is possi | kPa 2.3 = 1) (isc l). ive, but t ble. | Method | mm Hg monoes | kPa | Method |

Code: 00199313Date of issue/Date of revision: 25 October 2023PPG AQUACOVER 40

SECTION 9: Physical and chemical properties

No additional information.

SECTION 10: Stability and reactivity

| 10.1 Reactivity | : No : | specific test data related to reactivity available for this product or its ingredients. |
|--|--------|--|
| 10.2 Chemical stability | : The | product is stable. |
| 10.3 Possibility of hazardous reactions | : Und | ler normal conditions of storage and use, hazardous reactions will not occur. |
| 10.4 Conditions to avoid | | en exposed to high temperatures may produce hazardous decomposition products. er to protective measures listed in sections 7 and 8. |
| 10.5 Incompatible materials | | p away from the following materials to prevent strong exothermic reactions: lising agents, strong alkalis, strong acids. |
| 10.6 Hazardous decomposition products | • | pending on conditions, decomposition products may include the following materials: non oxides metal oxide/oxides |

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|---------------------------------|---------|-------------------------|----------|
| zinc oxide | LC50 Inhalation Dusts and mists | Rat | >5700 mg/m ³ | 4 hours |
| | LD50 Dermal | Rat | >2000 mg/kg | - |
| | LD50 Oral | Rat | >5000 mg/kg | - |
| 2-butoxyethanol | LC50 Inhalation Vapour | Rat | 3 mg/l | 4 hours |
| | LD50 Dermal | Rat | >2000 mg/kg | - |
| | LD50 Oral | Rat | 1200 mg/kg | - |
| reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | LD50 Oral | Rat | 53 mg/kg | - |

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

Irritation/Corrosion

. .

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|-------------------------|--------------------------|---------|-------|----------|-------------|
| 2-butoxyethanol | Eyes - Irritant | Rabbit | - | 24 hours | 21 days |
| | Skin - Moderate irritant | Rabbit | - | 4 hours | 28 days |

| | English (CP) United Arch Emirat |
|---------------------------|--|
| Conclusion/Summary | : There are no data available on the mixture itself. |
| Mutagenicity | |
| Respiratory | : There are no data available on the mixture itself. |
| Skin | : There are no data available on the mixture itself. |
| Conclusion/Summary | |
| Sensitisation | |
| Respiratory | : There are no data available on the mixture itself. |
| Eyes | : There are no data available on the mixture itself. |
| Skin | : There are no data available on the mixture itself. |
| Conclusion/Summary | |

| English (GB) | United Arab Emirates |
|--------------|----------------------|
| | |

| Code : 001993 | 3 Date of issue/Date of revision : 25 October 2023 |
|---|---|
| PPG AQUACOVER 40 | |
| SECTION 11: To | xicological information |
| Carcinogenicity | |
| Conclusion/Summar | There are no data available on the mixture itself. |
| Reproductive toxicity | |
| Conclusion/Summar | There are no data available on the mixture itself. |
| Teratogenicity | |
| Conclusion/Summar | |
| Not available. | <u>toxicity (single exposure)</u> |
| Specific target organ | toxicity (repeated exposure) |
| Not available. | |
| Aspiration hazard | |
| Not available. | |
| Information on likely | : Not available. |
| routes of exposure | |
| Potential acute health | effects |
| Inhalation | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |
| Skin contact | : May cause an allergic skin reaction. |
| Eye contact | : No known significant effects or critical hazards. |
| Symptoms related to | the physical, chemical and toxicological characteristics |
| Inhalation | : No specific data. |
| Ingestion | : No specific data. |
| Skin contact | : Adverse symptoms may include the following: irritation redness |
| Eye contact | : No specific data. |
| Delayed and immedia | te effects as well as chronic effects from short and long-term exposure |
| Short term exposure | |
| Potential immediat effects | e : Not available. |
| Potential delayed e | ffects : Not available. |
| Long term exposure | |
| Potential immediat effects | e : Not available. |
| | ffects : Not available. |
| Potential chronic hea Not available. | <u>th effects</u> |
| Conclusion/Summar | / : Not available. |
| General | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity | : No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Reproductive toxici | - |
| Other information | : Not available. |

Code : 00199313 PPG AQUACOVER 40 Date of issue/Date of revision

: 25 October 2023

SECTION 11: Toxicological information

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|-------------------------|-------------------|----------|
| zinc oxide | Acute EC50 0.17 mg/l | Algae | 72 hours |
| | Acute EC50 0.481 mg/l | Daphnia - Daphnia | 48 hours |
| | Fresh water | magna - Neonate | |
| | Chronic NOEC 0.017 mg/l | Algae | 72 hours |
| | Fresh water | Ũ | |
| 2-butoxyethanol | Acute LC50 1474 mg/l | Fish | 96 hours |
| 2 | Chronic NOEC >100 mg/l | Fish | 21 days |

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

12.2 Persistence and degradability

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

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| 2-butoxyethanol | - | - | Readily |

12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| 2-butoxyethanol | 0.81 | - | Low |

| 12.4 Mobility in soil | |
|--|------------------|
| Soil/water partition coefficient (K _{oc}) | : Not available. |
| Mobility | : Not available. |

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

 Code
 <th::00199313</th>
 Date of issue/Date of revision
 : 25 October 2023

 PPG AQUACOVER 40

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

| <u>Product</u> | |
|------------------------|---|
| Methods of disposal | : The generation of waste should be avoided or minimised 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. |
| Hazardous waste | : Yes. |
| European waste catalog | lue <u>(EWC)</u> |

| Waste code | Waste designation |
|---------------------|--|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances |
| Packaging | |
| Methods of disposal | : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. |
| Type of packaging | European waste catalogue (EWC) |

| Luropean waste catalogue (EWC) | | European waste catalogue (EWC) |
|--------------------------------|-----------------------------|---|
| Container | 15 01 06 | mixed packaging |
| Special precautions | taken when I Empty conta | I and its container must be disposed of in a safe way. Care should be handling emptied containers that have not been cleaned or rinsed out. iners or liners may retain some product residues. Avoid dispersal of spilt runoff and contact with soil, waterways, drains and sewers. |

SECTION 14: Transport information

| | ADR/RID | IMDG | IATA |
|------------------------------------|---|---|---|
| 14.1 UN number or ID number | UN3082 | UN3082 | UN3082 |
| 14.2 UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| 14.3 Transport hazard class(es) | 9 | 9 | 9 |
| 14.4 Packing group | 111 | Ш | Ш |
| 14.5 Environmental hazards | Yes. | Yes. | Yes. |
| Marine pollutant substances | Not applicable. | (zinc oxide) | Not applicable. |

Additional information

| ADR/RID | 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. |
|-------------|---|
| Tunnel code | : (-) |
| IMDG | : 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. |

| | : 00199313 | 1 | Date of issue/Date of revision | : 25 October 2023 | |
|----------------------|--|-----------------|--|-------------------|--|
| PPG AQUACOVER 40 | | | | | |
| SECTION | 14: Transpo | ort information | | | |
| 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. | | | | |
| 14.6 Special user | precautions for | | premises: always transport in closed that persons transporting the produ llage. | | |
| | | | : Not applicable. | | |

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable.

on the manufacture, placing on the market

and use of certain dangerous substances,

mixtures and articles

Other national and international regulations.

Ozone depleting substances (1005/2009/EU)

Not listed.

| Biocidal products regulation | : Contains a biocidal product; C(M)IT/MIT (3:1) |
|-------------------------------------|---|
|-------------------------------------|---|

15.2 Chemical safety : No Chemical Safety Assessment has been carried out.

assessment

SECTION 16: Other information

Indicates information that has changed from previously issued version.

| | | English (GB) United Arab Emirates 12/13 | |
|----------------------------|---|---|--|
| | H400 | Very toxic to aquatic life. | |
| | H331 | Toxic if inhaled. | |
| | H330 | Fatal if inhaled. | |
| | H319 | Causes serious eye irritation. | |
| | H318 | Causes serious eye damage. | |
| | H317 | May cause an allergic skin reaction. | |
| | H315 | Causes skin irritation. | |
| | H314 | Causes severe skin burns and eye damage. | |
| | H310 | Fatal in contact with skin. | |
| statements | H302 | Harmful if swallowed. | |
| Full text of abbreviated H | : H301 | Toxic if swallowed. | |
| acronyms | CLP = (1272/20 DNEL = EUH sta PNEC = | CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number | |
| Abbreviations and | : ATE = / | Acute Toxicity Estimate | |

| Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 | | | | | |
|--|--|--|--|--|--|
| Code : 00199313 PPG AQUACOVER 40 | | Date of issue/Date of revision : 25 October 2023 | | | |
| SECTION 16: Other | information | | | | |
| | | quatic life with long lasting effects. ic life with long lasting effects. ne respiratory tract. | | | |
| Full text of classifications [CLP/GHS] | : Acute Tox. 2 Acute Tox. 3 Acute Tox. 4 Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Eye Dam. 1 Eye Irrit. 2 Skin Corr. 1C Skin Irrit. 2 Skin Sens. 1 Skin Sens. 1A | e respiratory tract. ACUTE TOXICITY - Category 2 ACUTE TOXICITY - Category 3 ACUTE TOXICITY - Category 4 SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 1C SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITISATION - Category 1 SKIN SENSITISATION - Category 1 | | | |
| <u>History</u> | | | | | |
| Date of issue/ Date of revision | : 25 October 2023 | | | | |
| Date of previous issue | : 25 October 2023 | | | | |
| Prepared by | : EHS | | | | |
| Version | : 3.04 | | | | |
| | | | | | |

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 us, 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.