# **SAFETY DATA SHEET**

Safety Data Sheet according to GB/T 16483-2008 and GB/T 17519-2013



Date of issue/Date of revision 7 November 2021

Version 3

| 0.0.1 | 11010111001 |  |
|-------|-------------|--|
|       |             |  |
|       |             |  |
|       |             |  |

| Section 1. Chemical product and company identification     |   |  |
|--|---|--|
| Product code   | : 00421355  |  |
| Product name   | : SIGMAZINC 158 H PIGMENT GREY  |  |
| Product name   | : SIGMAZINC 158 H PIGMENT GREY  |  |
| Product type   | : Powder.   |  |
| Relevant identified uses of                                | f the substance or mixture and uses advised against   |  |
| Product use  | : Professional applications, Used by spraying.  |  |
| Use of the substance/<br>mixture                           | : Coating.  |  |
| Uses advised against                                       | : Not applicable.   |  |
| Supplier's details   | : PPG Coatings (Kunshan) Co., Ltd<br>53 Jinyang Road, Lujia Town,<br>215331 Kunshan City, Jiangsu Province, P.R. China<br>Tel: 86 512 57678859 Fax: 86 512 57678857 |  |
| Emergency telephone<br>number (with hours of<br>operation) | : 00 86 532 83889090  |  |

# Section 2. Hazards identification

Classification of the substance or mixture according to GB 13690-2009 and GB 30000-2013

**Emergency overview** 

Solid. Odorless.

May be harmful in contact with skin.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

May form explosible dust-air mixture if dispersed. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

**F** ON SKIN: Call a POISON CENTER or doctor if you feel unwell.

### See Section 12 for environmental precautions.

| Classification of the substance or mixture | <ul> <li>ACUTE TOXICITY (dermal) - Category 5<br/>AQUATIC HAZARD (ACUTE) - Category 1<br/>AQUATIC HAZARD (LONG-TERM) - Category 1     </li> <li>Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 98.5%</li> </ul> |
|--|--|
|--|--|

### **GHS label elements**

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# Section 2. Hazards identification

| Hazard pictograms                                   |  |
|---|--|
| Signal word   | : Warning  |
| Hazard statements                                   | <ul> <li>May be harmful in contact with skin.</li> <li>Very toxic to aquatic life.</li> <li>Very toxic to aquatic life with long lasting effects.</li> </ul> |
| Precautionary statements                            | ,  |
| Prevention  | : Avoid release to the environment.  |
| Response  | : Øollect spillage. IF ON SKIN: Call a POISON CENTER or doctor if you feel unwell.   |
| Suitable extinguishing media                        | : Use dry chemical powder.   |
| Storage   | : Not applicable.  |
| Disposal  | : Dispose of contents and container in accordance with all local, regional, national and international regulations.  |
| Physical and chemical hazards                       | : May form combustible dust concentrations in air.   |
| Health hazards                                      | : No known significant effects or critical hazards.  |
| Symptoms related to the phy                         | sical, chemical and toxicological characteristics  |
| Eye contact   | : Adverse symptoms may include the following:<br>irritation<br>redness   |
| Inhalation  | : Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing  |
| Skin contact  | : No specific data.  |
| Ingestion   | : No specific data.  |
| Delayed and immediate effec                         | ts and also chronic effects from short and long term exposure  |
| <u>Short term exposure</u>                          |  |
| Potential immediate<br>effects                      | : Not available.   |
| Potential delayed effects                           | : Not available.   |
| Long term exposure                                  |  |
| Potential immediate effects                         | : Not available.   |
| Potential delayed effects                           | : Not available.   |
| Environmental hazards                               | : Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.  |
| Other hazards which do not result in classification | : May form combustible dust concentrations in air.   |

# Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

### **CAS number/other identifiers**

| CAS number : Not applicable. |                     |                        |
|------------------------------|---------------------|------------------------|
| Ingredient name              | %                   | CAS number             |
| Znc dust<br>zinc oxide       | 70 - 100<br>1 - <10 | 7440-66-6<br>1314-13-2 |

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.

### Most important symptoms/effects, acute and delayed

| Potential acute health effects |  |
|--------------------------------|--|
| Eye contact                    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.                   |
| Inhalation                     | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
| Skin contact                   | May be harmful in contact with skin.   |
| Ingestion                      | No known significant effects or critical hazards.  |
| Over-exposure signs/sympto     | <u>ns</u>  |
| Eye contact                    | Adverse symptoms may include the following:<br>irritation<br>redness   |
| Inhalation                     | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing  |
| Skin contact                   | No specific data.  |
| Ingestion                      | No specific data.  |

### Indication of immediate medical attention and special treatment needed, if necessary

### Section 4. First aid measures

| Notes to physician         | <ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large<br/>quantities have been ingested or inhaled.</li> </ul>   |
|----------------------------|---|
| Specific treatments        | : No specific treatment.  |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

See toxicological information (Section 11)

### Section 5. Fire-fighting measures **Extinguishing media** Suitable extinguishing : Use dry chemical powder. media **Unsuitable extinguishing** : Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. media Specific hazards arising : May form explosible dust-air mixture if dispersed. This material is very toxic to from the chemical 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 may include the following materials: decomposition products metal oxide/oxides oxides of lead **Special protective actions** : Promptly isolate the scene by removing all persons from the vicinity of the incident if for fire-fighters 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** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure equipment for fire-fighters mode.

# Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

| For non-emergency<br>personnel | : | No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilled material. Shut off all ignition sources.<br>No flares, smoking or flames in hazard area. Avoid breathing dust. Provide<br>adequate ventilation. Wear appropriate respirator when ventilation is inadequate.<br>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.   |
|                                |   |  |

# Section 6. Accidental release measures

### Methods and materials for containment and cleaning up

| Small spill | : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.   |
|-------------|--|
| Large spill | : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |

# Section 7. Handling and storage

| Precautions for safe<br>handling                                   | : Put on appropriate personal protective equipment (see Section 8). Do not ingest.<br>Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid release to<br>the environment. Avoid the creation of dust when handling and avoid all possible<br>sources of ignition (spark or flame). Prevent dust accumulation. Use only with<br>adequate ventilation. Wear appropriate respirator when ventilation is inadequate.<br>Keep in the original container or an approved alternative made from a compatible<br>material, kept tightly closed when not in use. Electrical equipment and lighting<br>should be protected to appropriate standards to prevent dust coming into contact<br>with hot surfaces, sparks or other ignition sources. Take precautionary measures<br>against electrostatic discharges. To avoid fire or explosion, dissipate static<br>electricity during transfer by grounding and bonding containers and equipment<br>before transferring material. Empty containers retain product residue and can be<br>hazardous. Do not reuse container. |
|--|--|
| Conditions for safe storage,<br>including any<br>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. 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  |
| Źnc oxide                    | GBZ 2.1 (China, 8/2019).<br>PC-STEL: 5 mg/m <sup>3</sup> 15 minutes.<br>PC-TWA: 3 mg/m <sup>3</sup> 8 hours. |

Product code 00421355

### Product name SIGMAZINC 158 H PIGMENT GREY

# Section 8. Exposure controls/personal protection

| Recommended monitoring procedures   | •         | If this product contains ingredients with exposure limits, personal, workplace<br>atmosphere or biological monitoring may be required to determine the effectiveness<br>of the ventilation or other control measures and/or the necessity to use respiratory<br>protective equipment. Reference should be made to appropriate monitoring<br>standards. Reference to national guidance documents for methods for the<br>determination of hazardous substances will also be required.   |
|-------------------------------------|-----------|---|
| Appropriate engineering<br>controls | :         | Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.  |
| Environmental exposure<br>controls  | :         | Emissions from ventilation or work process equipment should be checked to ensure<br>they comply with the requirements of environmental protection legislation. In some<br>cases, fume scrubbers, filters or engineering modifications to the process<br>equipment will be necessary to reduce emissions to acceptable levels.   |
| Individual protection measure       | <u>es</u> |   |
| Hygiene measures                    | :         | Wash hands, forearms and face thoroughly after handling chemical products, before<br>eating, smoking and using the lavatory and at the end of the working period.<br>Appropriate techniques should be used to remove potentially contaminated clothing.<br>Wash contaminated clothing before reusing. Ensure that eyewash stations and<br>safety showers are close to the workstation location.   |
| Eye protection                      | :         | Safety glasses with side shields.   |
| Skin protection                     |           |   |
| Hand protection                     | -         | Chemical-resistant, impervious gloves complying with an approved standard should<br>be worn at all times when handling chemical products if a risk assessment indicates<br>this is necessary. Considering the parameters specified by the glove manufacturer,<br>check during use that the gloves are still retaining their protective properties. It<br>should be noted that the time to breakthrough for any glove material may be<br>different for different glove manufacturers. In the case of mixtures, consisting of<br>several substances, the protection time of the gloves cannot be accurately<br>estimated. |
| Body protection                     | :         | Personal protective equipment for the body should be selected based on the task<br>being performed and the risks involved and should be approved by a specialist<br>before handling this product.   |
| 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

| : Solid.  |
|---|
| Powder.   |
| : Odorless.   |
| : Closed cup: 908°C (1666.4°F)                      |
| : Not available.                                    |
| : 7.14  |
| : Insoluble in the following materials: cold water. |
| : Kinematic (40°C): Not applicable.                 |
|   |

# 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.   |  |
| Incompatible materials             | : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.                  |  |
| Hazardous decomposition products   | : Evolves hydrogen on contact with water. Depending on conditions, decomposition products may include the following materials: metal oxide/oxides |  |

# Section 11. Toxicological information

### Information on toxicological effects

| Acute | toxicity |
|-------|----------|
|       |          |

| Product/ingredient name | Result                             | Species    | Dose                       | Exposure |
|-------------------------|------------------------------------|------------|----------------------------|----------|
| zínc dust               | LC50 Inhalation Dusts and mists    | Rat        | >5.4 mg/l                  | 4 hours  |
|                         | LD50 Oral                          | Rat        | >2000 mg/kg                | -        |
| zinc oxide              | LC50 Inhalation Dusts<br>and mists | Rat        | >5700 mg/m <sup>3</sup>    | 4 hours  |
|                         | LD50 Dermal<br>LD50 Oral           | Rat<br>Rat | >2000 mg/kg<br>>5000 mg/kg | -        |

### Irritation/Corrosion

Not available.

### **Sensitization**

Not available.

### **Mutagenicity**

# Section 11. Toxicological information

| Section 11. Toxico                                    | ological information   |
|---|--|
| Not available.  |  |
| <b>Carcinogenicity</b>                                |  |
| Not available.  |  |
| Reproductive toxicity<br>Not available.               |  |
| <u>Teratogenicity</u><br>Not available.               |  |
| Specific target organ toxici<br>Not available.        | <u>ty (single exposure)</u>  |
| <u>Specific target organ toxici</u><br>Not available. | <u>ty (repeated exposure)</u>  |
| Aspiration hazard<br>Not available.                   |  |
| Information on the likely routes of exposure          | : Not available.   |
| Potential acute health effects                        | <u>S</u>   |
| Eye contact   | : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.                   |
| Inhalation  | : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
| Skin contact  | : May be harmful in contact with skin.   |
| Ingestion   | : No known significant effects or critical hazards.  |
| Symptoms related to the phy                           | vsical, chemical and toxicological characteristics   |
| Eye contact   | : Adverse symptoms may include the following:<br>irritation<br>redness   |
| Inhalation  | : Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing  |
| Skin contact  | : No specific data.  |
| Ingestion   | : No specific data.  |
| Delayed and immediate effect                          | cts and also chronic effects from short and long term exposure   |
| Short term exposure                                   |  |
| Potential immediate<br>effects                        | : Not available.   |
| Potential delayed effects                             | : Not available.   |
| Long term exposure                                    |  |

: Not available.

Potential immediate

# Section 11. Toxicological information

| Potential chronic health effects |  |  |  |
|----------------------------------|--|--|--|
| General                          | : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. |  |  |
| Carcinogenicity                  | : No known significant effects or critical hazards.                                    |  |  |
| Mutagenicity                     | : No known significant effects or critical hazards.                                    |  |  |
| Reproductive toxicity            | : 📈 known significant effects or critical hazards.                                     |  |  |

### Numerical measures of toxicity

### Acute toxicity estimates

| Product/ingredient name               | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapors)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |
|---------------------------------------|------------------|-------------------|--------------------------------|----------------------------------|--|
| GMAZINC 158 H PIGMENT GREY zinc oxide | N/A<br>N/A       |                   | N/A<br>N/A                     | N/A<br>N/A                       | N/A<br>N/A                                   |

### Other information

Sanding and grinding dusts may be harmful if inhaled.

# Section 12. Ecological information

ż

### **Toxicity**

| Product/ingredient name | Result  | Species  | Exposure                        |
|-------------------------|---|--|---------------------------------|
| Zínc dust               | Acute EC50 0.106 mg/l Fresh water   | Algae - Pseudokirchneriella<br>subcapitata                               | 72 hours                        |
| zinc oxide              | Chronic NOEC 0.0727 mg/l Fresh water<br>Acute EC50 0.17 mg/l<br>Acute EC50 0.481 mg/l Fresh water | Daphnia - Daphnia Magna<br>Algae<br>Daphnia - Daphnia magna -<br>Neonate | 21 days<br>72 hours<br>48 hours |
|                         | Chronic NOEC 0.017 mg/l Fresh water   | Algae  | 72 hours                        |

### Persistence/degradability

Not available.

### **Bioaccumulative potential**

Not available.

### Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

### 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 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# Section 14. Transport information

|                                | China   | UN  | IMDG  | ΙΑΤΑ  |
|--------------------------------|---|---|---|---|
| UN number                      | UN3077  | UN3077  | UN3077  | UN3077  |
| UN proper<br>shipping name     | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, SOLID,<br>N.O.S. | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, SOLID,<br>N.O.S. | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, SOLID,<br>N.O.S. | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, SOLID,<br>N.O.S. |
|                                | (Zinc powder - zinc<br>dust (stabilized), zinc<br>oxide)    |
| Transport hazard class(es)     | 9   | 9   | 9   | 9   |
| Packing group                  | III   | 111   | 111   | 111   |
| Environmental<br>hazards       | Yes.  | Yes.  | Yes.  | Yes.  |
| Marine pollutant<br>substances | Not applicable.   | Not applicable.   | (Zinc powder - zinc<br>dust (stabilized), zinc<br>oxide)    | Not applicable.   |

### **Additional information**

| CN   | : None identified.  |
|------|---|
| 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.   |
| 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. The segregation group has been manually assigned based upon product analysis. |
| 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 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.

Product code 00421355

## Section 14. Transport information

Transport in bulk according : Not applicable. to IMO instruments

# Section 15. Regulatory information

| China inventory (IECSC) | : All components are listed or exempted.  |
|-------------------------|---|
| References              | <ul> <li>Production Safety Law of the People's Republic of China<br/>Code of Occupational Disease Prevention of the People's Republic of China<br/>Environmental Protection Law of the People's Republic of China<br/>Fire Control Law of the People's Republic of China<br/>Regulations on the Control over Safety of Dangerous Chemicals<br/>Occupational exposure limits for hazardous agents in the workplace chemical<br/>hazardous agents (GBZ2.1)<br/>General rule for classification and hazard communication of chemicals (GB13690)<br/>Safety data sheet for chemical products - Content and order of sections (GB/<br/>T16483)<br/>Guidance on the compilation of safety data sheet for chemical products (GB/<br/>T17519)<br/>General rule for preparation of precautionary label for chemicals (GB15258)<br/>Safety rules for classification, precautionary labeling and precautionary statements<br/>of chemicals (GB30000.2-29)</li> </ul> |

# Section 16. Other information

| <u>History</u>                 |   |
|--------------------------------|---|
| Date of issue/Date of revision | : 7 November 2021   |
| Date of previous issue         | : 6/17/2019   |
| Version                        | : 3   |
|                                | EHS   |
| Key to abbreviations           | <ul> <li>ADN = European Provisions concerning the International Carriage of Dangerous<br/>Goods by Inland Waterway</li> <li>ADR = The European Agreement concerning the International Carriage of<br/>Dangerous Goods by Road</li> <li>ATE = Acute Toxicity Estimate</li> <li>BCF = Bioconcentration Factor</li> <li>GHS = Globally Harmonized System of Classification and Labelling of Chemicals</li> <li>IATA = International Air Transport Association</li> <li>IMDG = International Maritime Dangerous Goods</li> <li>LogPow = logarithm of the octanol/water partition coefficient</li> <li>MARPOL = International Convention for the Prevention of Pollution From Ships,<br/>1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)</li> <li>RID = The Regulations concerning the International Carriage of Dangerous Goods<br/>by Rail</li> <li>UN = United Nations</li> </ul> |
| _                              |   |

✓ Indicates information that has changed from previously issued version.

Notice to reader

# Section 16. Other information

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.