# **SAFETY DATA SHEET**



Date of issue/Date of revision 9 December 2024 Version 2

| Section 1. Identification                    |   |  |
|--|---|--|
| Product name                                 | : SIGMALINE 855 (11) BAS RAL 5012   |  |
| Product code                                 | : 19A0198841  |  |
| Other means of identification                | : Not available.  |  |
| Product type                                 | : Liquid.   |  |
| Relevant identified uses of                  | the substance or mixture and uses advised against   |  |
| Product use                                  | : Professional applications.  |  |
| Use of the substance/<br>mixture             | : Coating.  |  |
| Uses advised against                         | : Not applicable.   |  |
| Manufacturer                                 | : Comercial Mexicana de Pinturas S.A. de C.V.<br>Marcos Achar Lobatón, No. 6<br>Tepexpan, Acolman, Estado de México<br>CP. 55885<br>Tel. (55)1669-1400 (México) |  |
| Emergency telephone<br>number                | : Mexico: 01-800-00-214-00, (+ )(52(55) 5559-1588   |  |
| Customer Service /<br>Technical Phone Number | : 800 7126-639 (México)   |  |

# Section 2. Hazards identification

| OSHA/HCS status                            | <ul> <li>This material is considered hazardous by the OSHA Hazard Communication Standard<br/>(29 CFR 1910.1200).</li> </ul>  |
|--|--|
| Classification of the substance or mixture | : EYE IRRITATION - Category 2A<br>SKIN SENSITIZATION - Category 1<br>CARCINOGENICITY - Category 1A   |
|  | Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 22.4% (oral), 60.4% (dermal), 93.6% (inhalation)  |
|  | This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. 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). |
| GHS label elements                         |  |

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## Section 2. Hazards identification

| Hazard pictograms                   |  |
|-------------------------------------|--|
| Signal word                         | : Danger   |
| Hazard statements                   | : May cause an allergic skin reaction.<br>Causes serious eye irritation.<br>May cause cancer.  |
| Precautionary statement             | <u>is</u>  |
| Prevention                          | : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Avoid breathing vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.  |
| Response                            | : F exposed or concerned: Get medical advice or attention. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. 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                             | : Store locked up.   |
| Disposal                            | : Dispose of contents and container in accordance with all local, regional, national and international regulations.  |
| Supplemental label<br>elements      | : Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Emits toxic fumes when heated.  |
| Hazards not otherwise<br>classified | : None known.  |

# Section 3. Composition/information on ingredients

Substance/mixture Product name : Mixture

: SIGMALINE 855 (11) BAS RAL 5012

| Ingredient name                                     | %           | CAS number |
|---|-------------|------------|
| Ethylenediamine, ethoxylated and propoxylated       | ≥20 - ≤50   | 26316-40-5 |
| barium sulfate                                      | ≥20 - ≤33   | 7727-43-7  |
| Talc , not containing asbestiform fibres            | ≥5.0 - ≤10  | 14807-96-6 |
| Phenol, methylstyrenated                            | ≥5.0 - ≤9.2 | 68512-30-1 |
| Zeolites  | ≥1.0 - ≤5.0 | 1318-02-1  |
| titanium dioxide                                    | ≥1.0 - ≤5.0 | 13463-67-7 |
| crystalline silica, respirable powder (<10 microns) | <1.0        | 14808-60-7 |
| crystalline silica, respirable powder (>10 microns) | ≤1.0        | 14808-60-7 |

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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## Section 3. Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

### Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

#### Description of necessary first aid measures

| Eye contact  | <ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids<br/>apart for at least 10 minutes and seek immediate medical advice.</li> </ul>  |
|--------------|--|
| Inhalation   | <ul> <li>Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is<br/>irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained<br/>personnel.</li> </ul> |
| Skin contact | <ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water<br/>or use recognized skin cleanser. Do NOT use solvents or thinners.</li> </ul>   |
| 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 effe    | <u>cts</u>  |
|--------------------------------|---|
| Eye contact                    | : Causes serious eye irritation.  |
| Inhalation                     | : No known significant effects or critical hazards.   |
| Skin contact                   | : May cause an allergic skin reaction.  |
| Ingestion                      | : No known significant effects or critical hazards.   |
| <u>Over-exposure signs/sym</u> | <u>otoms</u>  |
| Eye contact                    | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness  |
| Inhalation                     | : No specific data.   |
| Skin contact                   | : Adverse symptoms may include the following:<br>irritation<br>redness  |
| Ingestion                      | : No specific data.   |
| Indication of immediate me     | dical attention and special treatment needed, if necessary  |
| Notes to physician             | <ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed.<br/>The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>   |
| Specific treatments            | : No specific treatment.  |
| Protection of first-aiders     | : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |
|                                |   |

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### Section 4. First aid measures

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. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.          |
| Hazardous thermal decomposition products       | : Decomposition products may include the following materials:<br>carbon oxides<br>nitrogen oxides<br>sulfur oxides<br>metal oxide/oxides  |
| Special protective actions for fire-fighters   | <ul> <li>Promptly isolate the scene by removing all persons from the vicinity of the incident if<br/>there is a fire. No action shall be taken involving any personal risk or without suitable<br/>training.</li> </ul> |
| Special protective equipment for fire-fighters | : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.   |

# Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

disposal contractor.

| 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. Avoid breathing vapor or mist.<br>Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>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).  |
| Methods and materials for co   | ntainment 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   |

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### Section 6. Accidental release measures

| Lar | ae  | sı | oill |
|-----|-----|----|------|
| Lui | ge. | ~  |      |

: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### Section 7. Handling and storage

#### Precautions for safe handling

| Protective measures  | h<br>th<br>o<br>u:<br>w<br>m | Put on appropriate personal protective equipment (see Section 8). Persons with a<br>istory of skin sensitization problems should not be employed in any process in which<br>his product is used. Avoid exposure - obtain special instructions before use. Do not<br>andle until all safety precautions have been read and understood. Do not get in eyes<br>or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal<br>use the material presents a respiratory hazard, use only with adequate ventilation or<br>vear appropriate respirator. Keep in the original container or an approved alternative<br>nade from a compatible material, kept tightly closed when not in use. Empty containers<br>etain product residue and can be hazardous. Do not reuse container. |
|--|------------------------------|--|
| Special precautions  | s<br>fl<br>S                 | /apors may accumulate in low or confined areas or travel a considerable distance to a<br>ource of ignition and flash back. Vapors are heavier than air and may spread along<br>oors. If this material is part of a multiple component system, read the Safety Data<br>Sheet(s) for the other component or components before blending as the resulting<br>nixture may have the hazards of all of its parts.   |
| Advice on general<br>occupational hygiene                          | h<br>d<br>e                  | Eating, drinking and smoking should be prohibited in areas where this material is<br>andled, stored and processed. Workers should wash hands and face before eating,<br>Irinking and smoking. Remove contaminated clothing and protective equipment before<br>entering eating areas. See also Section 8 for additional information on hygiene<br>neasures.   |
| Conditions for safe storage,<br>including any<br>incompatibilities | lc<br>a<br>C<br>p            | Do not store above the following temperature: 50°C (122°F). Store in accordance with<br>ocal regulations. Store in original container protected from direct sunlight in a dry, cool<br>and well-ventilated area, away from incompatible materials (see Section 10) and food<br>and drink. Store locked up. Keep container tightly closed and sealed until ready for use.<br>Containers that have been opened must be carefully resealed and kept upright to<br>prevent leakage. Do not store in unlabeled containers. Use appropriate containment to<br>twoid environmental contamination.   |

### Section 8. Exposure controls/personal protection

Control parameters Occupational exposure limits

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# Section 8. Exposure controls/personal protection

| Ingredient name  | Exposure limits  |
|--|--|
| Ethylenediamine, ethoxylated and propoxylated barium sulfate | None.<br>ACGIH TLV (United States, 7/2023)<br>TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Inhalable<br>fraction.<br>OSHA PEL (United States, 5/2018)<br>TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.<br>TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable<br>fraction.   |
| Talc , not containing asbestiform fibres                     | ACGIH TLV (United States, 7/2023)<br>TWA 8 hours: 2 mg/m <sup>3</sup> . Form: Respirable<br>fraction.<br>OSHA PEL Z3 (United States)<br>TWA: 2 mg/m <sup>3</sup> .   |
| Phenol, methylstyrenated<br>Zeolites                         | None.<br><b>ACGIH TLV (United States, 7/2023)</b><br><b>[Aluminum, metal and insoluble<br/>compounds]</b><br>TWA 8 hours: 1 mg/m <sup>3</sup> . Form: Respirable<br>fraction.  |
| titanium dioxide   | ACGIH TLV (United States, 7/2023)<br>TWA 8 hours: 2.5 mg/m <sup>3</sup> . Form: respirable<br>fraction, finescale particles.<br>OSHA PEL (United States, 5/2018)<br>TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust.  |
| crystalline silica, respirable powder (<10 microns)          | ACGIH TLV (United States, 7/2023) [Silica,<br>crystalline]<br>TWA 8 hours: 0.025 mg/m <sup>3</sup> . Form:<br>Respirable fraction.<br>OSHA PEL Z3 (United States, 6/2016)<br>TWA 8 hours: 250. / (%SiO <sub>2</sub> +5) mppcf. Form<br>Respirable.<br>TWA 8 hours: 10. / (%SiO <sub>2</sub> +2) mg/m <sup>3</sup> . Form:<br>Respirable.   |
| crystalline silica, respirable powder (>10 microns)          | <ul> <li>ACGIH TLV (United States, 7/2023) [Silica, crystalline]</li> <li>TWA 8 hours: 0.025 mg/m<sup>3</sup>. Form:<br/>Respirable fraction.</li> <li>OSHA PEL (United States, 5/2018) [Silica, crystalline]</li> <li>TWA 8 hours: 50 μg/m<sup>3</sup>. Form: Respirable dust.</li> <li>OSHA PEL Z3 (United States, 6/2016)</li> <li>TWA 8 hours: 250. / (%SiO<sub>2</sub>+5) mppcf. Form Respirable.</li> <li>TWA 8 hours: 10. / (%SiO<sub>2</sub>+2) mg/m<sup>3</sup>. Form: Respirable.</li> </ul> |
| Key to abbreviatio   | ns   |
| A = Acceptable Maximum Peak                                  | S = Potential skin absorption  |

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# Section 8. Exposure controls/personal protection

| C = Ceiling Limit   |  | SS = Skin sensitization  |  |
|---|--|--|--|
| F = Fume  | eeure Limit  | STEL = Short term Exposure limit values  |  |
| IPEL = Internal Permissible Exp<br>OSHA = Occupational Safety and |  | TD = Total dust<br>TLV = Threshold Limit Value   |  |
| R = Respirable  |  | TWA = Time Weighted Average  |  |
|   | 00 Subpart Z - Toxic and Hazardous Substances                                      |  |  |
| Consult local authorities for                                     | •  |  |  |
|   |  |  |  |
| Recommended monitoring procedures                                 |  | priate monitoring standards. Reference to national<br>r the determination of hazardous substances will |  |
| Appropriate engineering   | : If user operations generate dust, fur  | nes, gas, vapor or mist, use process enclosures,   |  |
| controls  | local exhaust ventilation or other engineering controls to keep worker exposure to |  |  |
| oona olo  | airborne contaminants below any rec  |  |  |
| Environmental exposure  |  | rocess equipment should be checked to ensure   |  |
| controls  |  | f environmental protection legislation. In some  |  |
| Controlo  |  | ineering modifications to the process equipment  |  |
|   | will be necessary to reduce emission   |  |  |
|   | ·····  |  |  |
| Individual protection measur                                      | es   |  |  |
|   |  | roughly after handling chamical products, before   |  |
| Hygiene measures  |  | roughly after handling chemical products, before<br>bry and at the end of the working period.          |  |
|   |  | sed to remove potentially contaminated clothing.   |  |
|   |  | not be allowed out of the workplace. Wash  |  |
|   |  | g. Ensure that eyewash stations and safety   |  |
|   | showers are close to the workstation   |  |  |
| Eye/face protection   | : Chemical splash goggles.   |  |  |
|   | - Chemioar spidsn goggies.   |  |  |
| Skin protection   |  |  |  |
| Hand protection   |  | es complying with an approved standard should be   |  |
|   |  | nical products if a risk assessment indicates this is  |  |
|   |  | ters specified by the glove manufacturer, check  |  |
|   |  | taining their protective properties. It should be  |  |
|   |  | or any glove material may be different for different   |  |
|   | •  | mixtures, consisting of several substances, the  |  |
|   | protection time of the gloves cannot   | be accurately estimated.   |  |
| Gloves  | : butyl rubber   |  |  |
| Body protection   | : Personal protective equipment for the  | e body should be selected based on the task being  |  |
|   | performed and the risks involved and   | d should be approved by a specialist before  |  |
|   | handling this product.   |  |  |
| Other skin protection   | : Appropriate footwear and any addition  | onal skin protection measures should be selected   |  |
|   |  | and the risks involved and should be approved by a   |  |
|   | specialist before handling this produc   |  |  |
| Respiratory protection  |  | on known or anticipated exposure levels, the   |  |
| Respiratory protection  |  | working limits of the selected respirator. If workers  |  |
|   |  | e the exposure limit, they must use appropriate,   |  |
|   |  |  |  |
|   |  | fitted, air-purifying or air-fed respirator complying  |  |
|   |  | ssessment indicates this is necessary.   |  |
|   | The respiratory protection shall be in   | accordance to 29 CFR 1910.134.   |  |

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# Section 9. Physical and chemical properties

#### Appearance

| Physical state                               | 4 | Liquid.  |               |
|--|---|--|---------------|
| Color  | : | Not available.   |               |
| Odor   | 1 | Not available.   |               |
| Odor threshold                               | : | Not available.   |               |
| рН   | 4 | Not applicable.  |               |
| Melting point                                | 1 | Not available.   |               |
| Boiling point                                | 1 | >37.78°C (>100°F)  |               |
| Flash point                                  | 1 | Closed cup: 193°C (379.4°F)  |               |
| Auto-ignition temperature                    | : | Not available.   |               |
| Decomposition temperature                    | 1 | Not available.   |               |
| Flammability                                 | : | Not available.   |               |
| Lower and upper explosive (flammable) limits | 1 | Not available.   |               |
| Evaporation rate                             | 1 | Not available.   |               |
| Vapor pressure                               | 1 | Not available.   |               |
| Vapor density                                | 1 | Not available.   |               |
| Relative density                             | : | 1.07   |               |
| Density(lbs / gal)                           | : | 8.93   |               |
|  |   | Media Resu   | ult           |
| Solubility(ies)                              | ÷ | cold water Not s   | soluble       |
| Partition coefficient: n-<br>octanol/water   | : | Not applicable.  |               |
| Viscosity                                    | : | Øynamic (room temperature): No<br>Kinematic (room temperature): N<br>Kinematic (40°C (104°F)): >21 m | ot available. |
| % Solid. (w/w)                               | : | 100  |               |

## 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.<br>Refer to protective measures listed in sections 7 and 8. |
| Incompatible materials             | : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.              |

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# Section 10. Stability and reactivity

Hazardous decomposition : Depending on conception carbon oxides r

: Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides metal oxide/oxides

# Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name        | Result                 |             |                | Species            | Dose        | Exposure |
|--------------------------------|------------------------|-------------|----------------|--------------------|-------------|----------|
| barium sulfate                 | LD50 Dern              | nal         |                | Rat                | >2000 mg/kg | -        |
|                                | LD50 Oral              |             |                | Rat                | >5000 mg/kg | -        |
| Phenol, methylstyrenated       | LD50 Dern              | nal         |                | Rabbit             | >2000 mg/kg | -        |
|                                | LD50 Oral              |             |                | Rat                | >2000 mg/kg | -        |
| Zeolites                       | LD50 Oral              |             |                | Rat                | >5 g/kg     | -        |
| titanium dioxide               |                        |             | s and mists    | Rat                | >6.82 mg/l  | 4 hours  |
|                                | LD50 Dern<br>LD50 Oral | nai         |                | Rabbit             | >5000 mg/kg | -        |
|                                | LD50 Orai              |             |                | Rat                | >5000 mg/kg | -        |
| Conclusion/Summary             | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| Irritation/Corrosion           |                        |             |                |                    |             |          |
| Conclusion/Summary             |                        |             |                |                    |             |          |
| Skin                           | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| Eyes                           | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| Respiratory                    | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| <b>Sensitization</b>           |                        |             |                |                    |             |          |
| Conclusion/Summary             |                        |             |                |                    |             |          |
| Skin                           | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| Respiratory                    | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| Mutagenicity                   |                        |             |                |                    |             |          |
| <b>Conclusion/Summary</b>      | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| <b>Carcinogenicity</b>         |                        |             |                |                    |             |          |
| <b>Conclusion/Summary</b>      | : There are            | e no data a | vailable on th | ne mixture itself. |             |          |
| <b>Classification</b>          |                        |             |                |                    |             |          |
| Product/ingredient name        | OSHA                   | IARC        | NTP            |                    |             |          |
| Zeolites                       | -                      | 3           | -              |                    |             |          |
| titanium dioxide               | -                      | 2B          | -              |                    |             |          |
| crystalline silica, respirable | +                      | 1           | Known to be    | e a human carci    | nogen.      |          |
| powder (<10 microns)           |                        |             |                |                    |             |          |

Known to be a human carcinogen.

Carcinogen Classification code:

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

1

+

#### Reproductive toxicity

Conclusion/Summary

crystalline silica, respirable

powder (>10 microns)

: There are no data available on the mixture itself.

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### Section 11. Toxicological information

#### **Teratogenicity**

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

Specific target organ toxicity (single exposure)

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

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

| Name  |            | Route of exposure | Target organs |
|---|------------|-------------------|---------------|
| crystalline silica, respirable powder (<10 microns) | Category 1 | inhalation        | -             |

#### Target organs

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

#### Aspiration hazard

Not available.

#### Information on the likely routes of exposure

| Potential acute health eff     | ects  |
|--------------------------------|---|
| Eye contact                    | : Causes serious eye irritation.  |
| Inhalation                     | : No known significant effects or critical hazards.   |
| Skin contact                   | : May cause an allergic skin reaction.  |
| Ingestion                      | : No known significant effects or critical hazards.   |
| <u>Over-exposure signs/sym</u> | <u>iptoms</u>   |
| Eye contact                    | : Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness  |
| Inhalation                     | : No specific data.   |
| Skin contact                   | : Adverse symptoms may include the following:<br>irritation<br>redness  |
| Ingestion                      | : No specific data.   |
| Delayed and immediate eff      | ects 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. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. 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 |

and level of exposure to dust from sanding surfaces or mist from spray applications. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. 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

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# Section 11. Toxicological information

|                                | _   |
|--------------------------------|---|
|                                | 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. |
| <u>Short term exposure</u>     |   |
| Potential immediate<br>effects | : There are no data available on the mixture itself.  |
| Potential delayed effects      | : There are no data available on the mixture itself.  |
| Long term exposure             |   |
| Potential immediate<br>effects | : There are no data available on the mixture itself.  |
| Potential delayed effects      | : There are no data available on the mixture itself.  |
| Potential chronic health eff   | <u>ects</u>   |
| General                        | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.   |
| Carcinogenicity                | : May cause cancer. Risk of cancer depends on duration and level of exposure.   |
| Mutagenicity                   | : No known significant effects or critical hazards.   |
| Reproductive toxicity          | : No known significant effects or critical hazards.   |
| Numerical measures of toxic    | <u>sity</u>   |

#### Acute toxicity estimates

| Product/ingredient name       | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | (gases) | (vapors) | Inhalation<br>(dusts and<br>mists) (mg/<br>I) |
|-------------------------------|------------------|-------------------|---------|----------|---|
| GMALINE 855 (11) BAS RAL 5012 | 17921.1          | 2983.1            | N/A     | N/A      | N/A   |
| barium sulfate                | N/A              | 2500              | N/A     | N/A      | N/A   |
| Phenol, methylstyrenated      | 2500             | 2500              | N/A     | N/A      | N/A   |

# Section 12. Ecological information

#### **Toxicity**

| Product/ingredient name | Result                           | Species                        | Exposure |
|-------------------------|----------------------------------|--------------------------------|----------|
|                         | Acute LC50 >680 mg/l             | Fish                           | 96 hours |
|                         | Acute LC50 >100 mg/l Fresh water | Daphnia - <i>Daphnia magna</i> | 48 hours |

#### Persistence and degradability

Not available.

**Bioaccumulative potential** 

Product name SIGMALINE 855 (11) BAS RAL 5012

# Section 12. Ecological information

| Product/ingredient name                       | LogPow       | BCF | Potential |
|---|--------------|-----|-----------|
| Ethylenediamine, ethoxylated and propoxylated | -1.25 to 1.2 | -   | Low       |
| Phenol, methylstyrenated                      | 3.627        | -   | Low       |

#### Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

# Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

### 14. Transport information

|                             | DOT             | IMDG            | ΑΤΑΙ            |
|-----------------------------|-----------------|-----------------|-----------------|
| UN number                   | Not regulated.  | Not regulated.  | Not regulated.  |
| UN proper shipping<br>name  | -               | -               | -               |
| Transport hazard class (es) | -               | -               | -               |
| Packing group               | -               | -               | -               |
| Environmental hazards       | No.             | No.             | No.             |
| Marine pollutant substances | Not applicable. | Not applicable. | Not applicable. |

#### **Additional information**

- **DOT** : None identified.
- **IMDG** : None identified.
- IATA : None identified.

Product name SIGMALINE 855 (11) BAS RAL 5012

### 14. Transport information

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.

Transport in bulk according : Not applicable. to IMO instruments

### Section 15. Regulatory information

#### United States

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

SARA 302/304

SARA 304 RQ : Not applicable.

Composition/information on ingredients

No products were found.

#### SARA 311/312

| Classification |
|----------------|
|----------------|

: EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 1A

#### **Composition/information on ingredients**

| Name                              | %           | Classification                                   |
|-----------------------------------|-------------|--|
| Ethylenediamine, ethoxylated      | ≥20 - ≤50   | EYE IRRITATION - Category 2A                     |
| and propoxylated                  |             | SKIN SENSITIZATION - Category 1B                 |
| Talc , not containing asbestiform | ≥5.0 - ≤10  | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) |
| fibres                            |             | (Respiratory tract irritation) - Category 3      |
| Phenol, methylstyrenated          | ≥5.0 - ≤9.2 | SKIN IRRITATION - Category 2                     |
|                                   |             | SKIN SENSITIZATION - Category 1B                 |
| titanium dioxide                  | ≥1.0 - ≤5.0 | CARCINOGENICITY - Category 2                     |
| crystalline silica, respirable    | <1.0        | CARCINOGENICITY - Category 1A                    |
| powder (<10 microns)              |             | SPECIFIC TARGET ORGAN TOXICITY (REPEATED         |
|                                   |             | EXPOSURE) - Category 1                           |
| crystalline silica, respirable    | ≤1.0        | CARCINOGÉNICITY - Category 1A                    |
| powder (>10 microns)              |             |  |

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

#### California Prop. 65

**WARNING**: Cancer - www.P65Warnings.ca.gov.

Product name SIGMALINE 855 (11) BAS RAL 5012

### Section 16. Other information

| Please refer to Section 2 of this document for GHS hazard classifications.<br>The customer is responsible for determining the PPE code for this material. |    |   |  |
|---|----|---|--|
| Date of previous issue  | 1  | 8/22/2024   |  |
| Organization that prepared the SDS  | :  | EHS   |  |
| Key to abbreviations  | :  | ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Internediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973<br>as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>N/A = Not available<br>SGG = Segregation Group<br>UN = United Nations |  |
| Indicatos information that  | ha | e changed from proviously issued version  |  |

#### 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.