# SAFETY DATA SHEET



The information in this Safety Data Sheet is required pursuant to GHS UN rev. 7

Date of issue/Date of revision 17 July 2024 Version 1.02

# Section 1. Identification

| Product code                                    | : 00476253   |
|---|--|
| Product name                                    | : SIGMASHIELD 905 BASE DARK GREY   |
| CAS number                                      | : Not applicable.  |
| Product type                                    | : Liquid.  |
| Other means of identification<br>Not available. |  |
| Relevant identified uses of th                  | e substance or mixture and uses advised against  |
| Product use                                     | <ul> <li>Coating.<br/>Professional applications, Used by spraying.</li> </ul>  |
| Uses advised against                            | : Product is not intended, labelled or packaged for consumer use.  |
| Company/undertaking<br>identification           | : PPG Industries Sales, Inc. and PPG Coatings (Philippines), Inc.<br>3rd Floor First Life Center<br>174 Salcedo St., Legaspi Village<br>Makati City 1229, Philippines<br>Tel # 00632- 752-6773/ Fax # 00632-752-6771 |
| Emergency telephone<br>number                   | : CHEMTREC +(63) 2-395-3308 (CCN 17704)  |

# Section 2. Hazards identification

| Classification of the substance or mixture     | <ul> <li>ACUTE TOXICITY (inhalation) - Category 4<br/>SKIN CORROSION/IRRITATION - Category 2<br/>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A<br/>SKIN SENSITIZATION - Category 1<br/>AQUATIC HAZARD (ACUTE) - Category 2<br/>AQUATIC HAZARD (LONG-TERM) - Category 2</li> <li>Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation<br/>toxicity: 71.8%</li> <li>Percentage of the mixture consisting of ingredient(s) of unknown hazards to the<br/>aquatic environment: 40.3%</li> </ul> |
|--|---|
| <u>GHS label elements</u><br>Hazard pictograms |   |
| Signal word                                    | : Warning   |

# Section 2. Hazards identification

| Hazard statements                                      | Causes skin irritation.<br>May cause an allergic skin reaction.<br>Causes serious eye irritation.<br>Harmful if inhaled.<br>Toxic to aquatic life with long lasting effects.   |
|--|--|
| Precautionary statements                               |  |
| Prevention   | Wear protective gloves. Wear eye or face protection. Use only outdoors or in a w<br>ventilated area. Avoid release to the environment. Avoid breathing vapor. Wash<br>thoroughly after handling. Contaminated work clothing should not be allowed out<br>the workplace.  |
| Response   | Collect spillage. IF INHALED: Remove person to fresh air and keep comfortable breathing. Call a POISON CENTER or doctor if you feel unwell. Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYE Rinse cautiously with water for several minutes. Remove contact lenses, if preser and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. |
| Storage  | Not applicable.  |
| Disposal   | Dispose of contents and container in accordance with all local, regional, national and international regulations.  |
| Other hazards which do not<br>result in classification | None known.  |

# Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

#### CAS number/other identifiers

| <b>CAS number</b> : Not applicable.   |                      |                         |  |  |
|---|----------------------|-------------------------|--|--|
| Ingredient name   | %                    | CAS number              |  |  |
| ቓis-[4-(2,3-epoxipropoxi)phenyl]propane<br>Talc , not containing asbestiform fibres | 25 - <50<br>10 - <20 | 1675-54-3<br>14807-96-6 |  |  |
| 1,6-bis(2,3-epoxypropoxy)hexane   | 5 - <10              | 16096-31-4              |  |  |
| benzyl alcohol  | 5 - <10              | 100-51-6                |  |  |
| Zinc powder - zinc dust (stabilized)  | 0.1 - <0.3           | 7440-66-6               |  |  |

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  | <ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the<br/>eyelids 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<br/>trained personnel.</li> </ul> |
| Skin contact | <ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and<br/>water 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.<br>Keep person warm and at rest. Do NOT induce vomiting.   |

### Section 4. First aid measures

| Most important symptoms/e     | ffects, acute and delayed   |
|-------------------------------|---|
| Potential acute health effect | i <u>ts</u>   |
| Eye contact                   | : Causes serious eye irritation.  |
| Inhalation                    | : Harmful if inhaled.   |
| Skin contact                  | : Causes skin irritation. May cause an allergic skin reaction.  |
| Ingestion                     | : No known significant effects or critical hazards.   |
| Over-exposure signs/symp      | <u>toms</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 med   | ical attention and special treatment needed, if necessary   |
| 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. 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. |

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.<br>This material is toxic to aquatic life with long lasting effects. Fire water<br>contaminated with this material must be contained and prevented from being<br>discharged to any waterway, sewer or drain. |
| Hazardous thermal decomposition products       | : Decomposition products may include the following materials:<br>carbon 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<br/>suitable training.</li> </ul>  |
| Special protective equipment for fire-fighters | <ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained<br/>breathing apparatus (SCBA) with a full face-piece operated in positive pressure<br/>mode.</li> </ul>  |

# Section 6. Accidental release measures

| Personal precautions, protect  | tive 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. Avoid breathing vapor or<br>mist. 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.  |
| 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 disposal contractor.   |
| Large spill                    | : 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                                      | L |   |
|--|---|---|
| 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 vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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.   |
| 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 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 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  |  |  |  |  |
|--|-----------|---|--|--|--|--|--|
| Falc , not containing asbestiform fibresTLV (Philippines, 4/2016).TLV: 20 mppf 8 hours. Form: Dust |           |   |  |  |  |  |  |
| Recommended monitoring procedures  | :         |   | riate monitoring standards. Reference to nods for the determination of hazardous   |  |  |  |  |
| Appropriate engineering controls   | :         | Use only with adequate ventilation. Use ventilation or other engineering contro contaminants below any recommended  | ls to keep worker exposure to airborne   |  |  |  |  |
| Environmental exposure 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   |           | eating, smoking and using the lavatory<br>Appropriate techniques should be use<br>Contaminated work clothing should no<br>contaminated clothing before reusing.<br>showers are close to the workstation I   |  |  |  |  |  |
| Eye/face protection  | :         | assessment indicates this is necessar gases or dusts. If contact is possible,   | proved standard should be used when a risk<br>y to avoid exposure to liquid splashes, mists,<br>the following protection should be worn,<br>gher degree of protection: chemical splash   |  |  |  |  |
| Skin protection  |           |   |  |  |  |  |  |
| Hand protection  | :         | be worn at all times when handling ch<br>this is necessary. Considering the par<br>check during use that the gloves are s<br>should be noted that the time to break   | s complying with an approved standard should<br>emical products if a risk assessment indicates<br>rameters specified by the glove manufacturer,<br>still retaining their protective properties. It<br>through for any glove material may be<br>rers. In the case of mixtures, consisting of<br>the gloves cannot be accurately |  |  |  |  |
| Gloves   | :         | butyl rubber  |  |  |  |  |  |
| Body protection  | :         |   | body should be selected based on the task<br>d and should be approved by a specialist  |  |  |  |  |
| Other skin protection  | :         | Appropriate footwear and any addition<br>selected based on the task being perf<br>approved by a specialist before handli  | ormed and the risks involved and should be   |  |  |  |  |
| Respiratory protection   | :         | appropriate standard or certification.  | exposure, select a respirator that meets the<br>Respirators must be used according to a<br>ure proper fitting, training, and other important   |  |  |  |  |

# Section 9. Physical and chemical properties

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

| <u>Appearance</u>                            |   |   |             |                                   |     |       |             |        |        |
|--|---|---|-------------|-----------------------------------|-----|-------|-------------|--------|--------|
| Physical state<br>Color                      | ÷ | Liquid.<br>Not available.               |             |                                   |     |       |             |        |        |
| Odor   | ÷ | Characteristic.                         |             |                                   |     |       |             |        |        |
| Odor threshold                               | 1 | Not available.                          |             |                                   |     |       |             |        |        |
| Melting point/freezing point                 |   | Not available.                          |             |                                   |     |       |             |        |        |
| Boiling point, initial boiling               |   | >37.78°C (>100°F)                       |             |                                   |     |       |             |        |        |
| point, and boiling range                     | 1 |   |             |                                   |     |       |             |        |        |
| Flammability                                 | : | Not available.                          |             |                                   |     |       |             |        |        |
| Lower and upper explosive (flammable) limits | : | Not available.                          |             |                                   |     |       |             |        |        |
| Flash point                                  | : | Closed cup: Not app                     | licable.    |                                   |     |       |             |        |        |
| Auto-ignition temperature                    | 1 | Ingredient name                         |             | °C                                |     | °F    |             | Method |        |
|  |   | benzyl alcohol                          |             | 436                               |     | 816.8 |             |        |        |
| Decomposition temperature                    | : | Not available.                          |             |                                   |     |       |             |        |        |
| рН   | 1 | Not applicable.                         |             |                                   |     |       |             |        |        |
| Viscosity                                    | : | Kinematic (40°C): >2                    | 21 mm²/s    |                                   |     |       |             |        |        |
|  |   | Media                                   | Re          | sult                              |     |       |             |        |        |
| Solubility(ies)                              |   | cold water Not soluble                  |             |                                   |     |       |             |        |        |
| Partition coefficient: n-<br>octanol/water   | : | Not applicable.                         |             |                                   |     |       |             |        |        |
| Vapor pressure                               | : |   | Vapo        | r Pressure at 20°C Vapor pressure |     |       | ure at 50°C |        |        |
|  |   | Ingredient name                         | mm Hg       | kPa                               | Met | hod   | mm<br>Hg    | kPa    | Method |
|  |   | 1,6-bis<br>(2,3-epoxypropoxy)<br>hexane | 0.067505535 | 0.009                             |     |       |             |        |        |
| Relative density                             | : | 1.29                                    | •           |                                   | •   |       |             |        |        |
| Relative vapor density                       | : | Not available.                          |             |                                   |     |       |             |        |        |
| Particle characteristics                     |   |   |             |                                   |     |       |             |        |        |
| Median particle size                         | 1 | Not applicable.                         |             |                                   |     |       |             |        |        |
| Evaporation rate                             | 1 | Not available.                          |             |                                   |     |       |             |        |        |

# 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.            |

# Section 10. Stability and reactivity

| Incompatible materials  | : | Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.  |
|---|---|---|
| Hazardous decomposition<br>products<br>Hazardous polymerization |   | Depending on conditions, decomposition products may include the following<br>materials: carbon oxides metal oxide/oxides<br>Under normal conditions of storage and use, hazardous polymerization will not<br>occur. |
|   |   |   |

# Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name                     | Result                           | Species       | Dose                    | Exposure |
|---|----------------------------------|---------------|-------------------------|----------|
| øís-[4-(2,3-epoxipropoxi)<br>phenyl]propane | LD50 Dermal                      | Rabbit        | 23000 mg/kg             | -        |
|   | LD50 Oral                        | Rat           | 15000 mg/kg             | -        |
| benzyl alcohol                              | LC50 Inhalation Dusts and mists  | Rat           | >4178 mg/m <sup>3</sup> | 4 hours  |
| -   | LD50 Dermal                      | Rabbit        | 2000 mg/kg              | -        |
|   | LD50 Oral                        | Rat           | 1.23 g/kg               | -        |
| Zinc powder - zinc dust (stabilized)        | LC50 Inhalation Dusts and mists  | Rat           | >5.4 mg/l               | 4 hours  |
| 、 ,<br>,                                    | LD50 Oral                        | Rat           | >2000 mg/kg             | -        |
| Conclusion/Summary                          | : There are no data available on | the mixture i | tself.                  | •        |

#### Irritation/Corrosion

| Product/ingredient name                     | Result                             | Species | Score | Exposure | Observation |
|---|------------------------------------|---------|-------|----------|-------------|
| bis-[4-(2,3-epoxipropoxi)<br>phenyl]propane | Eyes - Mild irritant               | Rabbit  | -     | 24 hours | -           |
|   | Eyes - Redness of the conjunctivae | Rabbit  | 0.4   | 24 hours | -           |
|   | Skin - Edema                       | Rabbit  | 0.5   | 4 hours  | -           |
|   | Skin - Erythema/Eschar             | Rabbit  | 0.8   | 4 hours  | -           |
|   | Skin - Mild irritant               | Rabbit  | -     | 4 hours  | -           |

#### Conclusion/Summary

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

#### **Sensitization**

| Route of exposure                                    | Species  | Result   |  |  |  |
|--|--|--|--|--|--|
| skin   | Mouse  | Sensitizing  |  |  |  |
|  |  |  |  |  |  |
| : There are no data available on the mixture itself. |  |  |  |  |  |
| : There are no data available on the mixture itself. |  |  |  |  |  |
| : There are no data available on the mixture itself. |  |  |  |  |  |
| Carcinogenicity                                      |  |  |  |  |  |
| : There are no                                       | data available on the mi   | xture itself.  |  |  |  |
|  | exposure<br>skin<br>: There are no<br>: There are no<br>: There are no | exposure       Image: Comparison of the second | exposure       Image: Comparison of the second |  |  |

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# Section 11. Toxicological information

#### Reproductive toxicity

**Conclusion/Summary** 

: There are no data available on the mixture itself.

#### **Teratogenicity**

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

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

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

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

Not available.

#### **Aspiration hazard**

| Name           | Result                         |
|----------------|--------------------------------|
| benzyl alcohol | ASPIRATION HAZARD - Category 2 |

| Information on the likely<br>routes of exposure | : Not available.   |
|---|--|
| Potential acute health effects                  |  |
| Eye contact                                     | : Causes serious eye irritation.   |
| Inhalation                                      | : Harmful if inhaled.  |
| Skin contact                                    | : Causes skin irritation. May cause an allergic skin reaction.                             |
| Ingestion                                       | : 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>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 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                             | : Not available.   |
| effects   |  |

### Section 11. Toxicological information

#### 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 toxicity | : No known significant effects or critical hazards.   |
|                       |   |

#### Numerical measures of toxicity

#### Acute toxicity estimates

| Route  | ATE value                                     |
|--------|---|
| Dermal | 11455.81 mg/kg<br>16306.05 mg/kg<br>4.68 mg/l |

#### Other information

Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death.

# Section 12. Ecological information

t

#### **Toxicity**

| Product/ingredient name                 | Result                            | Species  | Exposure |
|---|-----------------------------------|--|----------|
| ofs-[4-(2,3-epoxipropoxi)               | Acute LC50 1.8 mg/l Fresh water   | Daphnia - <i>daphnia magna</i>   | 48 hours |
|   | Chronic NOEC 0.3 mg/l             | Daphnia  | 21 days  |
| Zinc powder - zinc dust<br>(stabilized) | Acute EC50 0.106 mg/l Fresh water | Algae - Pseudokirchneriella subcapitata                                      | 72 hours |
| . ,                                     | Acute EC50 354 µg/l Fresh water   | Daphnia - Daphnia magna  | 48 hours |
|   | Chronic EC10 6.3 µg/l             | Daphnia - <i>Daphnia magna</i> -<br>Neonate                                  | 21 days  |
|   | Chronic LC10 185 µg/l Fresh water | Fish - Oncorhynchus mykiss -<br>Juvenile (Fledgling, Hatchling,<br>Weanling) | 30 days  |

#### Persistence and degradability

| Product/ingredient name                     | Aquatic half-life | Photolysis | Biodegradability |
|---|-------------------|------------|------------------|
| bis-[4-(2,3-epoxipropoxi)<br>phenyl]propane | -                 | -          | Not readily      |
| benzyl alcohol                              | -                 | -          | Readily          |

#### **Bioaccumulative potential**

| Product/ingredient name             | LogPow | BCF | Potential |
|-------------------------------------|--------|-----|-----------|
| 1,6-bis(2,3-epoxypropoxy)<br>hexane | 0.822  | -   | Low       |
| benzyl alcohol                      | 0.87   | -   | Low       |

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# Section 12. Ecological information

| 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 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.

# Section 14. Transport information

|                               | UN  | IMDG  | IATA  |
|-------------------------------|---|---|---|
| UN number                     | UN3082  | UN3082 UN3082   |   |
| UN proper<br>shipping name    | ENVIRONMENTALLY<br>HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S. | ENVIRONMENTALLY<br>HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S.<br>EIQUID, N.O.S. |   |
|                               | (bis-[4-(2,3-epoxipropoxi)<br>phenyl]propane)             | (bis-[4-(2,3-epoxipropoxi)<br>phenyl]propane)                               | (bis-[4-(2,3-epoxipropoxi)<br>phenyl]propane) |
| Transport hazard<br>class(es) | 9   | 9 9   |   |
| Packing group                 | III   | III III   |   |
| Environmental<br>hazards      | Yes.  | Yes. Yes.   |   |
| Marine pollutant substances   | Not applicable.   | (bis-[4-(2,3-epoxipropoxi) Not applicable.<br>phenyl]propane)               |   |

#### Additional information

| UN   | : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. |
|------|---|
| 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. |
| 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 name SIGMASHIELD 905 BASE DARK GREY

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### Section 14. Transport information

Transport in bulk according : Not applicable. to IMO instruments

# Section 15. Regulatory information

#### International regulations

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

### Section 16. Other information

| <u>History</u>                 |  |
|--------------------------------|--|
| Date of issue/Date of revision | : 17 July 2024   |
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| Prepared by                    | : EHS  |
| key to abbreviations           | <ul> <li>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,<br/>1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br/>UN = United Nations</li> </ul> |

#### Procedure used to derive the classification

| Classification                                   | Justification      |
|--|--------------------|
| ACUTE TOXICITY (inhalation) - Category 4         | Calculation method |
| SKIN CORROSION/IRRITATION - Category 2           | Calculation method |
| SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A | Calculation method |
| SKIN SENSITIZATION - Category 1                  | Calculation method |
| AQUATIC HAZARD (ACUTE) - Category 2              | Calculation method |
| AQUATIC HAZARD (LONG-TERM) - Category 2          | Calculation method |

Indicates information that has changed from previously issued version.

#### Notice to reader

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