

## **SAFETY DATA SHEET**

FRS-40 SEMI-GLOSS BASE GREY FS 26118

#### In accordance with the Standard for Classification and Labeling of Chemical Substance and Safety Data Sheet, Article 10 Paragraph 1

| Section 1. Chemic   | cal product and company identification               |
|---|--|
| A. Product name   | : FRS-40 SEMI-GLOSS BASE GREY FS 26118               |
| SDS code  | : 409Z6118B  |
| B. <u>Relevant identified uses</u>                                | of the substance or mixture and uses advised against |
|   | Identified uses                                      |
| Paint. Professional use Indus                                     | trial use  |
|   | Uses advised against                                 |
| All other uses  |  |
| Product use   | : Solvent borne coating for interior use.            |
| C. Supplier's details   |  |
| MAPAERO SAS<br>10, Avenue de la Rij<br>09103 PAMIERS Ce<br>France |  |
| e-mail address of<br>person responsible for<br>this SDS           | : PSRA_PAMIERS@akzonobel.com                         |
| Emergency telephone<br>number (with hours of<br>operation)        | : +33 (0)5 34 01 34 01<br>+33 (0)5 61 60 23 30       |

### Section 2. Hazards identification

| A. Hazard classification | <ul> <li>FLAMMABLE LIQUIDS - Category 3<br/>CARCINOGENICITY - Category 2<br/>SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) -<br/>Category 3<br/>SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2</li> </ul> |
|--------------------------|--|
|                          | This product is classified in accordance with the Industrial Safety and Health Act and the Chemical Control Act.   |

B. GHS label elements, including precautionary statements



Signal word

Symbol

: Warning

| Date of issue/Date of revision |
|--------------------------------|
| Date of previous issue         |



### Section 2. Hazards identification

| Hazard statements  | : H226 - Flammable liquid and vapor.  |
|--|---|
|  | H336 - May cause drowsiness or dizziness.   |
|  | H351 - Suspected of causing cancer.   |
|  | H373 - May cause damage to organs through prolonged or repeated exposure.   |
| Precautionary stateme                                    | ents  |
| Prevention   | <ul> <li>P201 - Obtain special instructions before use.</li> <li>P280 - Wear protective gloves, protective clothing and eye or face protection.</li> <li>P210 - Keep away from heat, sparks and hot surfaces. No smoking.</li> <li>P241 - Use explosion-proof electrical, ventilating or lighting equipment.</li> <li>P242 - Use non-sparking tools.</li> <li>P243 - Take action to prevent static discharges.</li> <li>P260 - Do not breathe vapor.</li> </ul> |
| Response   | : P308 + P313 - IF exposed or concerned: Get medical advice or attention.<br>P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell.   |
| Storage  | : P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.<br>P403 + P235 - Keep cool.  |
| Disposal   | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.  |
| Other hazards which d<br>not result in<br>classification | lo : None known.  |

### Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

| Ingredient name                             | Identifiers     | %         |
|---|-----------------|-----------|
| -butyl acetate                              | CAS: 123-86-4   | ≥20 - <25 |
| titanium dioxide                            | CAS: 13463-67-7 | ≥10 - <15 |
| Reaction mass of ethylbenzene and xylene    | -               | ≥10 - <15 |
| xylene                                      | CAS: 1330-20-7  | ≥5 - <10  |
| 2-methoxy-1-methylethyl acetate             | CAS: 108-65-6   | <10       |
| ethylbenzene                                | CAS: 100-41-4   | ≥0.1 - <5 |
| carbon black, respirable powder             | CAS: 1333-86-4  | <10       |
| silicon dioxide                             | CAS: 7631-86-9  | <10       |
| Talc , not containing asbestiform fibres    | CAS: 14807-96-6 | <10       |
| cyclohexanone                               | CAS: 108-94-1   | ≥0.1 - <5 |
| Distillates (petroleum), hydrotreated light | CAS: 64742-47-8 | <10       |
| toluene                                     | CAS: 108-88-3   | <0.3      |

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

| Α. | Eye contact  | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.                |
|----|--------------|--|
| В. | Skin contact | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. |



### Section 4. First aid measures

| )  |                            |   |   |
|----|----------------------------|---|---|
| C. | Inhalation                 | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>If it is suspected that fumes are still present, the rescuer should wear an appropriate<br>mask or self-contained breathing apparatus. If not breathing, if breathing is irregular<br>or if respiratory arrest occurs, provide artificial respiration or oxygen by trained<br>personnel. It may be dangerous to the person providing aid to give mouth-to-mouth<br>resuscitation. Get medical attention. If necessary, call a poison center or physician.<br>If unconscious, place in recovery position and get medical attention immediately.<br>Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or<br>waistband.   |
| D. | Ingestion                  | : | Wash out mouth with water. Remove dentures if any. Remove victim to fresh air<br>and keep at rest in a position comfortable for breathing. If material has been<br>swallowed and the exposed person is conscious, give small quantities of water to<br>drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not<br>induce vomiting unless directed to do so by medical personnel. If vomiting occurs,<br>the head should be kept low so that vomit does not enter the lungs. Get medical<br>attention. If necessary, call a poison center or physician. Never give anything by<br>mouth to an unconscious person. If unconscious, place in recovery position and get<br>medical attention immediately. Maintain an open airway. Loosen tight clothing such<br>as a collar, tie, belt or waistband. |
| Е. | Notes to physician         | : | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
|    | 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.  |

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

|    |   |   | -   |
|----|---|---|---|
| Α. | Extinguishing media                                   |   |   |
|    | Suitable extinguishing media                          | : | Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.  |
|    | Unsuitable<br>extinguishing media                     | : | Do not use water jet.   |
| В. | Specific hazards arising<br>from the chemical         | : | Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.<br>In a fire or if heated, a pressure increase will occur and the container may burst, with<br>the risk of a subsequent explosion.   |
|    | Hazardous thermal decomposition products              | : | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>halogenated compounds<br>metal oxide/oxides   |
| C. | Special protective<br>equipment for fire-<br>fighters | : | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.   |
|    | Special precautions for fire-fighters                 | : | 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. Move containers from fire area if this can be done without risk.<br>Use water spray to keep fire-exposed containers cool. |



### Section 6. Accidental release measures

| Α. | Personal precautions,<br>protective equipment<br>and emergency<br>procedures | :    | 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 vapor or mist.<br>Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment.  |
|----|--|------|--|
| В. | 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).  |
| C. | Methods and materials fo   | or c | containment and cleaning up  |
|    | Small spill  | :    | Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble.<br>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. Use spark-proof tools and explosion-proof equipment. 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

#### A. Precautions for safe handling

|    | Protective measures  | Put on appropriate personal protective equipment (see Section 8). Avoid exposure -<br>obtain special instructions before use. Do not handle until all safety precautions<br>have been read and understood. Do not get in eyes or on skin or clothing. Do not<br>breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear<br>appropriate respirator when ventilation is inadequate. Do not enter storage areas<br>and confined spaces unless adequately ventilated. Keep in the original container or<br>an approved alternative made from a compatible material, kept tightly closed when<br>not in use. Store and use away from heat, sparks, open flame or any other ignition<br>source. Use explosion-proof electrical (ventilating, lighting and material handling)<br>equipment. Use only non-sparking tools. Take precautionary measures against<br>electrostatic discharges. Empty containers retain product residue and can be<br>hazardous. Do not reuse container. |
|----|--|--|
|    | Advice on general<br>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.  |
| в. | Conditions for safe<br>storage, including any<br>incompatibilities | : Store in accordance with local regulations. Store in a segregated and approved<br>area. Store in original container protected from direct sunlight in a dry, cool and well-<br>ventilated area, away from incompatible materials (see Section 10) and food and<br>drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing<br>materials. Keep container tightly closed and sealed until ready for use. Containers<br>that have been opened must be carefully resealed and kept upright to prevent<br>leakage. Do not store in unlabeled containers. Use appropriate containment to<br>avoid environmental contamination. See Section 10 for incompatible materials<br>before handling or use.   |



### Section 8. Exposure controls/personal protection

#### A. <u>Control parameters</u>

#### **Occupational exposure limits**

| Ingredient name                             | Exposure limits                                     |
|---|---|
| 🗝-butyl acetate                             | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020).                        |
|   | STEL: 200 ppm 15 minutes.                           |
|   | TWA: 150 ppm 8 hours.                               |
| titanium dioxide                            | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020).                        |
|   | TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust |
|   | with less than 1% of free SiO2                      |
| Reaction mass of ethylbenzene and xylene    | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020).                        |
|   | STEL: 150 ppm 15 minutes.                           |
|   | TWA: 100 ppm 8 hours.                               |
| xylene                                      | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020).                        |
|   | STEL: 150 ppm 15 minutes.                           |
|   | TWA: 100 ppm 8 hours.                               |
| ethylbenzene                                | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020).                        |
|   | STEL: 125 ppm 15 minutes.                           |
|   | TWA: 100 ppm 8 hours.                               |
| carbon black, respirable powder             | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020).                        |
|   | TWA: 3.5 mg/m <sup>3</sup> 8 hours. Form: inhalable |
|   | fraction  |
| cyclohexanone                               | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020). Absorbed through skin. |
|   | TWA: 25 ppm 8 hours.                                |
|   | STEL: 50 ppm 15 minutes.                            |
| Distillates (petroleum), hydrotreated light | ACGIH TLV (United States, 3/2020).                  |
| Distillates (petroleum), mydrotreated light | Absorbed through skin.                              |
|   | TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon  |
|   | vapor) 8 hours.                                     |
| toluene                                     | Ministry of Employment and Labor                    |
|   | (Republic of Korea, 1/2020).                        |
|   | STEL: 150 ppm 15 minutes.                           |
|   | TWA: 50 ppm 8 hours.                                |
|   |   |

B. Appropriate engineering controls
 : Use only with adequate ventilation. 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
 : Emissions from ventilation or work process equipment should be checked to ensure

# **exposure controls** they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### C. Personal protective equipment

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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### Section 8. Exposure controls/personal protection

| Eye protection   | : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.   |
|------------------|---|
| 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. When there is a risk of ignition from static electricity,<br>wear anti-static protective clothing. For the greatest protection from static<br>discharges, clothing should include anti-static overalls, boots and gloves.   |
| Hygiene measures | : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.   |

### Section 9. Physical and chemical properties

|     | <u> </u>   |   |  |   |                  |
|-----|--|---|--|---|------------------|
| Α.  | <u>Appearance</u>                                  |   |  |   |                  |
|     | Physical state                                     | : | Liquid.  |   |                  |
|     | Color  | : | Gray.  |   |                  |
| В.  | Odor   | : | Characteristic.                                    |   |                  |
| C.  | Odor threshold                                     | : | Not available.                                     |   |                  |
| D.  | рН   | : | Not available.                                     |   |                  |
| Ε.  | Melting/freezing point                             | : | Not available.                                     |   |                  |
| F.  | Boiling point/boiling<br>range                     | : | Not available.                                     |   |                  |
| G.  | Flash point  | : | Closed cup: 28°C (82.4°                            | 'F)                                     |                  |
|     | Fire point   | : | Not available.                                     |   |                  |
| Н.  | Evaporation rate                                   | : | Not available.                                     |   |                  |
| I.  | Flammability (solid, gas)                          | : | Not available.                                     |   |                  |
| J.  | Lower and upper<br>explosive (flammable)<br>limits | : | Greatest known range: I                            | _ower: 1.4% Upper: 7.6% (n-butyl aceta  | te)              |
| Κ.  | Vapor pressure                                     | : | Not available.                                     |   |                  |
| L.  | Solubility   | : | Insoluble in the following                         | g materials: cold water.                |                  |
|     | Solubility in water                                | : | Not available.                                     |   |                  |
| М.  | Vapor density                                      | : | Highest known value: 4.<br>average: 4.02 (Air = 1) | 6 (Air = 1) (2-methoxy-1-methylethyl ac | etate). Weighted |
| N.  | Density  | : | 1.311 g/cm³  |   |                  |
| 0.  | Partition coefficient: n-<br>octanol/water         | : | Not available.                                     |   |                  |
| Ρ.  | Auto-ignition<br>temperature                       | : | Not available.                                     |   |                  |
| Q.  | Decomposition<br>temperature                       | : | Not available.                                     |   |                  |
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|     |  |   |  |   |                  |

### **Section 9. Physical and chemical properties**

| R. Viscosity         | : Kinematic (room temperature): 8.39 cm²/s (839 cSt)<br>Kinematic (40°C (104°F)): 1.01 cm²/s (101 cSt) |
|----------------------|--|
| Flow time (ISO 2431) | : Not available.   |
| S. Molecular weight  | : Not applicable.  |

| S  | Section 10. Stability and reactivity |   |   |  |  |  |  |
|----|--------------------------------------|---|---|--|--|--|--|
| Α. | Chemical stability                   | : | The product is stable.  |  |  |  |  |
|    | Possibility of hazardous reactions   | : | Under normal conditions of storage and use, hazardous reactions will not occur.   |  |  |  |  |
| В. | Conditions to avoid                  | : | Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |  |  |  |  |
| C. | Incompatible materials               | : | Reactive or incompatible with the following materials:<br>oxidizing materials   |  |  |  |  |
| D. | Hazardous<br>decomposition products  | : | Under normal conditions of storage and use, hazardous decomposition products should not be produced.  |  |  |  |  |

### Section 11. Toxicological information

| Α. | Information on the likely | : | Not available. |
|----|---------------------------|---|----------------|
|    | routes of exposure        |   |                |

#### Potential acute health effects

| or |
|----|
|    |
|    |
|    |
|    |
|    |
|    |
|    |
|    |
|    |

#### B. Health hazards

#### Acute toxicity

| Product/ingredient name   | Result                | Species    | Dose               | Exposure  |
|---------------------------|-----------------------|------------|--------------------|-----------|
| -butyl acetate            | LC50 Inhalation Gas.  | Rat        | 390 ppm            | 4 hours   |
|                           | LC50 Inhalation Vapor | Mouse      | 6 g/m <sup>3</sup> | 2 hours   |
|                           | LD50 Dermal           | Rabbit     | >17600 mg/kg       | -         |
|                           | LD50 Intraperitoneal  | Mouse      | 1230 mg/kg         | -         |
|                           | LD50 Oral             | Guinea pig | 4700 mg/kg         | -         |
|                           | LD50 Oral             | Mouse      | 6 g/kg             | -         |
|                           | LD50 Oral             | Rabbit     | 3200 mg/kg         | -         |
|                           | LD50 Oral             | Rat        | 10768 mg/kg        | -         |
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### Section 11. Toxicological information

| Reaction mass of ethylbenzene and xylene | LC50 Inhalation Gas.   | Rat        | 5000 ppm                | 4 hours  |
|--|------------------------|------------|-------------------------|----------|
| xylene                                   | LC50 Inhalation Gas.   | Rat        | 6700 ppm                | 4 hours  |
|  | LC50 Inhalation Gas.   | Rat        | 5000 ppm                | 4 hours  |
|  | LC50 Inhalation Gas.   | Rat        | 6670 ppm                | 4 hours  |
|  |                        |            |                         | 4 110015 |
|  | LD50 Intraperitoneal   | Mouse      | 1548 mg/kg              | -        |
|  | LD50 Intraperitoneal   | Mouse      | 1548 mg/kg              | -        |
|  | LD50 Intraperitoneal   | Rat        | 2459 mg/kg              | -        |
|  | LD50 Oral              | Mouse      | 2119 mg/kg              | -        |
|  | LD50 Oral              | Rat        | 4300 mg/kg              | -        |
|  | LD50 Oral              | Rat        | 4300 mg/kg              | -        |
|  | LD50 Subcutaneous      | Rat        | 1700 mg/kg              | -        |
| ethylbenzene                             | LC50 Inhalation Gas.   | Rabbit     | 4000 ppm                | 4 hours  |
| ,  | LC50 Inhalation Vapor  | Mouse      | 35500 mg/m <sup>3</sup> | 2 hours  |
|  | LC50 Inhalation Vapor  | Rat        | 55000 mg/m <sup>3</sup> | 2 hours  |
|  | LD50 Dermal            | Rabbit     | >5000 mg/kg             | -        |
|  | LD50 Dermal            | Rabbit     | 17800 uL/kg             |          |
|  |                        | Mouse      | 2624 uL/kg              | -        |
|  | LD50 Intraperitoneal   |            |                         | -        |
|  | LD50 Oral              | Rat        | 3500 mg/kg              | -        |
|  | LD50 Oral              | Rat        | 3500 mg/kg              | -        |
| carbon black, respirable<br>powder       | LD50 Oral              | Rat        | >15400 mg/kg            | -        |
| ,<br>cyclohexanone                       | LC50 Inhalation Gas.   | Rat        | 8000 ppm                | 4 hours  |
| eyelenexamene                            | LD50 Dermal            | Rabbit     | 1 mL/kg                 | -        |
|  | LD50 Intraperitoneal   | Guinea pig | 930 mg/kg               | _        |
|  | LD50 Intraperitoneal   | Mouse      | 1230 mg/kg              | -        |
|  |                        |            |                         | -        |
|  | LD50 Intraperitoneal   | Mouse      | 1230 mg/kg              | -        |
|  | LD50 Intraperitoneal   | Rabbit     | 1540 mg/kg              | -        |
|  | LD50 Intraperitoneal   | Rabbit     | 1540 mg/kg              | -        |
|  | LD50 Intraperitoneal   | Rat        | 1130 mg/kg              | -        |
|  | LD50 Intraperitoneal   | Rat        | 1130 mg/kg              | -        |
|  | LD50 Oral              | Mouse      | 1400 mg/kg              | -        |
|  | LD50 Oral              | Rat        | 1800 mg/kg              | -        |
|  | LD50 Oral              | Rat        | 1620 uĽ/kg              | -        |
|  | LD50 Subcutaneous      | Rat        | 2170 mg/kg              |          |
| toluene                                  | LC50 Inhalation Gas.   | Mouse      | 400 ppm                 | 24 hours |
|  | LC50 Inhalation Vapor  | Mouse      | 30000 mg/m <sup>3</sup> | 2 hours  |
|  | •                      | Mouse      | 19900 mg/m <sup>3</sup> | 7 hours  |
|  | LC50 Inhalation Vapor  |            |                         |          |
|  | LC50 Inhalation Vapor  | Rat        | 49 g/m <sup>3</sup>     | 4 hours  |
|  | LD50 Dermal            | Rabbit     | 14100 uL/kg             | -        |
|  | LD50 Intraperitoneal   | Guinea pig | 500 mg/kg               | -        |
|  | LD50 Intraperitoneal   | Mouse      | 59 mg/kg                | -        |
|  | LD50 Intraperitoneal   | Rat        | 1332 mg/kg              | -        |
|  | LD50 Intravenous       | Rat        | 1960 mg/kg              | -        |
|  | LD50 Oral              | Rat        | 636 mg/kg               | -        |
|  | LD50 Route of exposure | Mouse      | 2 g/kg                  | -        |
|  | unreported             |            | - 9' ''B                |          |
|  | LD50 Route of exposure | Rat        | 6000  malka             |          |
|  |                        | Παι        | 6900 mg/kg              | -        |
|  |                        | Maure      | 0050 ms = //            |          |
|  | LD50 Subcutaneous      | Mouse      | 2250 mg/kg              | -        |

#### Irritation/Corrosion

| Product/ingredient name                  | Result                   | Species | Score          | Exposure         | Observation |
|--|--------------------------|---------|----------------|------------------|-------------|
| <b>p</b> -butyl acetate                  | Eyes - Moderate irritant | Rabbit  | -              | 100 mg           | -           |
| -  | Skin - Moderate irritant | Rabbit  | -              | 24 hours         | -           |
|  |                          |         |                | 500 mg           |             |
| Reaction mass of ethylbenzene and xylene | Eyes - Mild irritant     | Rabbit  | -              | 87 mg            | -           |
|  | Eyes - Severe irritant   | Rabbit  | -              | 24 hours 5<br>mg | -           |
|  | Skin - Mild irritant     | Rat     | -              | 8 hours 60 UI    | _           |
|  | Skin - Moderate irritant | Rabbit  | -              | 24 hours         | -           |
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### Section 11. Toxicological information

|                 |                          |        | - | -             |   |
|-----------------|--------------------------|--------|---|---------------|---|
|                 |                          |        |   | 500 mg        |   |
|                 | Skin - Moderate irritant | Rabbit | - | 100 %         | - |
| xylene          | Eyes - Mild irritant     | Rabbit | - | 87 mg         | - |
|                 | Eyes - Severe irritant   | Rabbit | - | 24 hours 5    | - |
|                 |                          |        |   | mg            |   |
|                 | Skin - Mild irritant     | Rat    | - | 8 hours 60 UI | - |
|                 | Skin - Moderate irritant | Rabbit | - | 24 hours      | - |
|                 |                          |        |   | 500 mg        |   |
|                 | Skin - Moderate irritant | Rabbit | - | 100 %         | - |
| ethylbenzene    | Eyes - Severe irritant   | Rabbit | - | 500 mg        | - |
|                 | Skin - Mild irritant     | Rabbit | - | 24 hours 15   | - |
|                 |                          |        |   | mg            |   |
| silicon dioxide | Eyes - Mild irritant     | Rabbit | - | 24 hours 25   | - |
|                 |                          |        |   | mg            |   |
| cyclohexanone   | Eyes - Severe irritant   | Rabbit | - | 24 hours      | - |
|                 |                          |        |   | 250 ug        |   |
|                 | Eyes - Severe irritant   | Rabbit | - | 20 mg         | - |
|                 | Skin - Mild irritant     | Rabbit | - | 500 mg        | - |
| toluene         | Eyes - Mild irritant     | Rabbit | - | 0.5 minutes   | - |
|                 |                          |        |   | 100 mg        |   |
|                 | Eyes - Mild irritant     | Rabbit | - | 870 ug        | - |
|                 | Eyes - Severe irritant   | Rabbit | - | 24 hours 2    | - |
|                 |                          |        |   | mg            |   |
|                 | Skin - Mild irritant     | Rabbit | - | 435 mg        | - |
|                 | Skin - Moderate irritant | Rabbit | - | 24 hours 20   | - |
|                 |                          |        |   | mg            |   |
|                 | Skin - Moderate irritant | Rabbit | - | 500 mg        | - |

#### Sensitization

Not available.

#### CMR - ISHA Article 42 Occupational Exposure Limits

| Product/ingredient name         | Identifiers     | Classification               |
|---------------------------------|-----------------|------------------------------|
| titanium dioxide                | CAS: 13463-67-7 | CARCINOGENICITY - Category 2 |
| ethylbenzene                    | CAS: 100-41-4   | CARCINOGENICITY - Category 2 |
| carbon black, respirable powder | CAS: 1333-86-4  | CARCINOGENICITY - Category 2 |
| cyclohexanone                   | CAS: 108-94-1   | CARCINOGENICITY - Category 2 |
| toluene                         | CAS: 108-88-3   | TOXIC TO REPRODUCTION -      |
|                                 |                 | Category 2                   |

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

| Product/ingredient name   | OSHA      | IARC | NTP |                | ACGIH   |
|---------------------------|-----------|------|-----|----------------|---------|
| titanium dioxide          | -         | 2B   | -   |                | A4      |
| Reaction mass of          | -         | 3    | -   |                | A4      |
| ethylbenzene and xylene   |           |      |     |                |         |
| xylene                    | -         | 3    | -   |                | A4      |
| ethylbenzene              | -         | 2B   | -   |                | A3      |
| carbon black, respirable  | -         | 2B   | -   |                | A3      |
| powder                    |           |      |     |                |         |
| silicon dioxide           | -         | 3    | -   |                | -       |
| Talc , not containing     | -         | 3    | -   |                | A4      |
| asbestiform fibres        |           |      |     |                |         |
| cyclohexanone             | -         | 3    | -   |                | A3      |
| Distillates (petroleum),  | -         | -    | -   |                | A3      |
| hydrotreated light        |           |      |     |                |         |
| of issue/Date of revision | : 2-11-20 | 22   |     | Version : 1.01 |         |
| of previous issue         | : 1-10-20 | 22   |     | 9/16           | AkzoNob |

### Section 11. Toxicological information

-

toluene

3

A4

**Reproductive toxicity** 

Not available.

#### **Teratogenicity**

Not available.

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

| Name                                     | Category                 | Route of<br>exposure | Target organs                        |
|--|--------------------------|----------------------|--------------------------------------|
| n-butyl acetate                          | Category 3               | -                    | Narcotic effects                     |
| Reaction mass of ethylbenzene and xylene | Category 3               | -                    | Respiratory tract<br>irritation      |
| xylene                                   | Category 3               | -                    | Narcotic effects                     |
| 2-methoxy-1-methylethyl acetate toluene  | Category 3<br>Category 3 |                      | Narcotic effects<br>Narcotic effects |

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

| Name                                     | Category   | Route of<br>exposure | Target organs  |
|--|------------|----------------------|----------------|
| Reaction mass of ethylbenzene and xylene | Category 2 | -                    | -              |
| xylene                                   | Category 1 | -                    | -              |
| ethylbenzene                             | Category 2 | -                    | hearing organs |
| toluene                                  | Category 2 | -                    | -              |

#### Aspiration hazard

| Name  | Result   |
|---|--|
| ethylbenzene<br>Distillates (petroleum), hydrotreated light | ASPIRATION HAZARD - Category 1<br>ASPIRATION HAZARD - Category 1<br>ASPIRATION HAZARD - Category 1<br>ASPIRATION HAZARD - Category 1 |

#### Potential chronic health effects

Chronic toxicity

Not available.

| General<br>Carcinogenicity            | <ul> <li>May cause damage to organs through prolonged or repeated exposure.</li> <li>Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.</li> </ul> |
|---------------------------------------|--|
| Mutagenicity<br>Reproductive toxicity | <ul> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> </ul>   |

### Section 12. Ecological information

#### A. Ecotoxicity

| Product/ingredient name   | Result                              | Species                                       | Exposure   |
|---------------------------|-------------------------------------|---|------------|
| <b>p</b> -butyl acetate   | Acute LC50 32 mg/l Marine water     | Crustaceans - Artemia salina                  | a 48 hours |
|                           | Acute LC50 100000 µg/l Fresh water  | Fish - Lepomis macrochirus                    | 96 hours   |
|                           | Acute LC50 18000 µg/l Fresh water   | Fish - Pimephales promelas                    | 96 hours   |
|                           | Acute LC50 185000 µg/l Marine water | Fish - Menidia beryllina                      | 96 hours   |
|                           | Acute LC50 62000 µg/l Fresh water   | Fish - Danio rerio                            | 96 hours   |
| titanium dioxide          | Acute EC50 19.3 mg/l Fresh water    | Daphnia - Daphnia magna                       | 48 hours   |
|                           | Acute EC50 27.8 mg/l Fresh water    | Daphnia - Daphnia magna                       | 48 hours   |
|                           | Acute EC50 35.306 mg/l Fresh water  | Daphnia - Daphnia magna -<br>Neonate          | 48 hours   |
|                           | Acute LC50 3 mg/l Fresh water       | Crustaceans - Ceriodaphnia<br>dubia - Neonate | 48 hours   |
| of issue/Date of revision | : 2-11-2022                         | Version : 1.01                                |            |
| of previous issue         | : 1-10-2022                         | 10/16   | AkzoNobe   |

### Section 12. Ecological information

|                                   |   | I FISH - WORDE SAXAUIS -                         |                      |
|-----------------------------------|---|--|----------------------|
|                                   | Acute LC50 4200 µg/l Fresh wat<br>Acute LC50 4.3 ul/L Marine wate |  | 96 hours<br>96 hours |
|                                   | Acute LC50 9100 µg/l Fresh wat                                    |  | 96 hours             |
|                                   | Acute LC50 9090 µg/l Fresh wat                                    | er Fish - Pimephales promelas                    | 96 hours             |
|                                   | Acute LC50 5100 µg/l Marine wa                                    | ter Fish - Menidia menidia                       | 96 hours             |
|                                   | Acute LC50 75000 µg/l Fresh wa                                    |  | 48 hours             |
|                                   | Acute LC50 13.9 mg/l Fresh wat                                    | er Daphnia - Daphnia magna -<br>Neonate          | 48 hours             |
|                                   |   | Neonate  |                      |
|                                   | Acute LC50 18.4 mg/l Fresh wat                                    | - Zoea   | 48 hours             |
|                                   | Acute LC50 40000 µg/l Marine w                                    | Nauplii<br>ater Crustaceans - Cancer magiste     | r 48 hours           |
|                                   | Acute LC50 13.3 mg/l Marine wa                                    | ter Crustaceans - Artemia sp                     | 48 hours             |
|                                   | Acute LC50 8.78 mg/l Marine wa                                    | ter Crustaceans - Artemia sp<br>Nauplii          | 48 hours             |
|                                   | Acute EC50 2.93 mg/l Fresh wat                                    | Neonate  | 48 hours             |
|                                   |   | Neonate  |                      |
|                                   | Acute EC50 2.97 mg/l Fresh wat                                    | Nauplii  | 48 hours             |
|                                   | Acute EC50 13.3 mg/l Marine wa                                    | Nauplii  | 48 hours             |
|                                   | Acute EC50 6.53 mg/l Marine wa                                    | subcapitata<br>ter Crustaceans - Artemia sp      | 48 hours             |
|                                   | Acute EC50 3600 µg/l Fresh wat                                    |  | 96 hours             |
|                                   | Acute EC50 5400 µg/l Fresh wat                                    |  | 72 hours             |
|                                   | Acute EC50 4600 µg/l Fresh wat                                    | er Algae - Pseudokirchneriella                   | 72 hours             |
|                                   | Acute EC50 7700 $\mu$ g/l Marine wa                               |  |                      |
| ethylbenzene                      | Acute EC50 4900 $\mu$ g/l Marine wa                               |  |                      |
|                                   | Acute LC50 16940 µg/l Fresh wa                                    |  | 96 hour              |
|                                   | Acute LC50 13400 µg/l Fresh wa                                    |  | 96 hours             |
|                                   | Acute LC50 20070 µg/l Fresh wa                                    |  | 96 hours             |
|                                   | Acute LC50 20870 µg/l Fresh wa                                    | Juvenile (Fledgling, Hatchling, Weanling)        | 96 hours             |
|                                   | Acute LC50 15700 µg/l Fresh wa                                    | pugio<br>Iter Fish - Lepomis macrochirus -       | 96 hours             |
|                                   | Acute LC50 8500 µg/l Marine wa                                    |  | 48 hours             |
|                                   | Acute LC50 8.5 ppm Marine wat                                     | subglobosa                                       | 48 hours             |
| ethylbenzene and xylene<br>xylene | Acute EC50 90 mg/l Fresh water                                    | Crustaceans - Cypris                             | 48 hours             |
| Reaction mass of                  | water<br>Acute LC50 13400 µg/l Fresh wa                           | ter Fish - Pimephales promelas                   | 96 hours             |
|                                   | Acute LC50 >1000 mg/l Fresh w<br>Acute LC50 >1000000 µg/l Marin   |  | 96 hours<br>96 hours |
|                                   | Acute LC50 13 mg/l Fresh water                                    | Neonate  | 48 hours             |
|                                   | Acute LC50 6.5 mg/l Fresh wate                                    | r Daphnia - Daphnia pulex -<br>Neonate           | 48 hours             |
|                                   | Acute LC50 15.9 mg/l Fresh wat                                    | er Crustaceans - Ceriodaphnia<br>dubia - Neonate | 48 hours             |
|                                   | Acute LC50 3.6 mg/l Fresh wate                                    | r Crustaceans - Ceriodaphnia<br>dubia - Neonate  | 48 hour              |
|                                   | Acute LC50 11 mg/l Fresh water                                    | Crustaceans - Ceriodaphnia<br>dubia - Neonate    | 48 hours             |
|                                   |   | dubia - Neonate                                  |                      |

### Section 12. Ecological information

| carbon black, respirable<br>powderAcute EC50 37.563 mg/l Fresh waterJuvenile (Fledgling, Hatchling,<br>Weanling)<br>Daphnia - Daphnia magna -<br>NeonatecyclohexanoneAcute LC50 61.547 mg/l Fresh waterDaphnia - Daphnia magna -<br>NeonatecyclohexanoneAcute EC50 32.9 mg/l Fresh waterAlgae - Chlamydomonas<br>reinhardtii - Exponential growth<br>phaseAcute LC50 630000 μg/l Fresh waterFish - Pimephales promelas | 48 hours<br>48 hours<br>72 hours<br>96 hours<br>96 hours |
|--|--|
| carbon black, respirable<br>powderAcute EC50 37.563 mg/l Fresh water<br>Acute LC50 61.547 mg/l Fresh waterDaphnia - Daphnia magna -<br>NeonatecyclohexanoneAcute EC50 32.9 mg/l Fresh water<br>Acute EC50 32.9 mg/l Fresh waterDaphnia - Daphnia magna -<br>Neonate  | 48 hours<br>72 hours<br>96 hours                         |
| Acute LC50 61.547 mg/l Fresh waterDaphnia - Daphnia magna -<br>NeonatecyclohexanoneAcute EC50 32.9 mg/l Fresh waterAlgae - Chlamydomonas<br>reinhardtii - Exponential growth<br>phase  | 72 hours<br>96 hours                                     |
| cyclohexanone Acute EC50 32.9 mg/l Fresh water Algae - Chlamydomonas reinhardtii - Exponential growth phase  | 96 hours   |
| reinhardtii - Exponential growth<br>phase  | 96 hours   |
|  |  |
|  | 96 hours   |
| Acute LC50 527000 µg/l Fresh water Fish - Pimephales promelas  |  |
| Acute LC50 732000 μg/l Fresh water Fish - Pimephales promelas  | 96 hours   |
| Distillates (petroleum),Acute LC50 5900 μg/l Fresh waterFish - Lepomis macrochirushydrotreated lightFish - Lepomis macrochirus   | 4 days   |
| Acute LC50 2200 µg/l Fresh water Fish - Lepomis macrochirus  | 4 days   |
| Acute LC50 2400 µg/l Fresh water Fish - Oncorhynchus mykiss  | 4 days   |
| Acute LC50 2600 µg/l Fresh water Fish - Oncorhynchus mykiss<br>Acute LC50 2900 µg/l Fresh water Fish - Oncorhynchus mykiss   | 4 days<br>96 hours                                       |
| toluene Acute EC50 2900 µg/l Fresh water Algae - Pseudokirchneriella   | 72 hours   |
| subcapitata  |  |
| Acute EC50 16500 μg/l Fresh water Crustaceans - Gammarus pseudolimnaeus - Adult  | 48 hours   |
| Acute EC50 11600 µg/l Fresh water Crustaceans - Gammarus   | 48 hours   |
| pseudolimnaeus - Adult   |  |
| Acute EC50 6.88 mg/l Fresh water Daphnia - Daphnia magna - Neonate   | 48 hours   |
| Acute EC50 6.56 mg/l Fresh water Daphnia - Daphnia magna - Neonate   | 48 hours   |
| Acute EC50 19600 µg/l Fresh water Daphnia - Daphnia magna - Larvae   | 48 hours   |
| Acute EC50 6000 µg/l Fresh water<br>Juvenile (Fledgling, Hatchling,<br>Weanling)   | 48 hours   |
| Acute EC50 6780 µg/l Fresh water<br>Juvenile (Fledgling, Hatchling,<br>Weanling)   | 96 hours   |
| Acute LC50 15.5 ppm Marine water Crustaceans - Palaemonetes pugio - Adult  | 48 hours   |
| Acute LC50 15500 µg/l Marine water Crustaceans - Palaemonetes pugio  | 48 hours   |
| Acute LC50 56.3 ppm Marine water Crustaceans - Americamysis bahia  | 48 hours   |
| Acute LC50 86.3 mg/l Fresh water Daphnia - Daphnia magna - Neonate   | 48 hours   |
| Acute LC50 5500 µg/l Fresh water Fish - Oncorhynchus kisutch -<br>Fry  | 96 hours   |
| Acute LC50 6410 µg/l Marine water Fish - Oncorhynchus<br>gorbuscha - Fry   | 96 hours   |
| Acute LC50 5800 µg/l Fresh water Fish - Oncorhynchus mykiss  | 96 hours   |
| Acute LC50 6780 µg/l Fresh water<br>Juvenile (Fledgling, Hatchling,<br>Weanling)   | 96 hours   |
| Chronic NOEC 2 mg/l Fresh water Daphnia - Daphnia magna  | 21 days  |
| Chronic NOEC 1000 µg/l Fresh water Daphnia - Daphnia magna   | 21 days  |

#### B. Persistence and degradability

Not available.

#### C. Bioaccumulative potential



### Section 12. Ecological information

| Product/ingredient name                  | LogPow | BCF         | Potential |
|--|--------|-------------|-----------|
| <b>p</b> -butyl acetate                  | 2.3    | -           | low       |
| Reaction mass of ethylbenzene and xylene | 3.12   | 8.1 to 25.9 | low       |
| xylene                                   | 3.12   | 8.1 to 25.9 | low       |
| 2-methoxy-1-methylethyl acetate          | 1.2    | -           | low       |
| ethylbenzene                             | 3.6    | -           | low       |
| cyclohexanone                            | 0.86   | -           | low       |
| toluene                                  | 2.73   | 90          | low       |

#### D. Mobility in soil

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

E. Other adverse effects : No known significant effects or critical hazards.

### Section 13. Disposal considerations

- A. 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.
- B. Disposal precautions
   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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

|                                  | UN                       | IMDG  | IATA                              |
|----------------------------------|--------------------------|---|-----------------------------------|
| A. UN number                     | UN1263                   | UN1263  | UN1263                            |
| B. UN proper<br>shipping name    | PAINT                    | PAINT   | PAINT                             |
| C. Transport<br>hazard class(es) | 3                        | 3   | 3                                 |
| D. Packing group                 | III                      | 111   | Ш                                 |
| E. Environmental<br>hazards      | No.                      | No.   | No.                               |
| Additional information           | <u>on</u>                |   |                                   |
| UN                               |                          | <b>ception</b> This class 3 viscous liqui<br>50 L according to 2.3.2.5.1. | d is not subject to regulation in |
| IMDG                             | : <u>Emergency sched</u> | <u>ules</u> F-E, _S-E_  |                                   |
| Date of issue/Date of revis      | ion : 2-11-2022          | Version : 1.0   |                                   |
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### Section 14. Transport information

Viscous liquid exception This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.

F. Special precautions for : 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 user the event of an accident or spillage.

Transport in bulk according : Not available. to IMO instruments

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### Section 15. Regulatory information

| A. Regulation accor   | rding to IS                | <u>SHA</u>                              |                      |                             |                           |
|---|----------------------------|---|----------------------|-----------------------------|---------------------------|
| ISHA article 117<br>(Harmful substa<br>prohibited from<br>manufacture)  | ances                      | : None of the cor                       | nponents are listed. |                             |                           |
| ISHA article 118<br>(Harmful substa<br>requiring permi  | ances                      | : None of the cor                       | nponents are listed. |                             |                           |
| Article 2 of Youth<br>Protection Act or<br>Substances Haza<br>to Youth  | n                          | : Not applicable.                       |                      |                             |                           |
| Exposure Limits   | of Chemi                   | <u>cal Substances a</u>                 | nd Physical Factor   | <u>s</u>                    |                           |
| The following con<br>-butyl acetate<br>titanium dioxide<br>Reaction mass of<br>xylene<br>ethylbenzene<br>carbon black, res<br>cyclohexanone<br>Distillates (petrol<br>toluene | of ethylben<br>spirable po | zene and xylene<br>owder                |                      |                             |                           |
| ISHA Enforceme<br>Annex 19 (Expos<br>standards establ<br>for harmful facto  | ure<br>lished              | : The following c                       | omponents are listed | d: toluene, cyclohexanor    | ne                        |
| ISHA Enforcemer<br>Annex 21 (Harmf<br>factors subject to<br>Environment<br>Measurement)   | ul                         | : The following car<br>isomers, talc; s |                      | d: n-butyl acetate, titaniu | m dioxide, Xylene, o,m,p- |
| ISHA Enforceme<br>Annex 22 (Harmf<br>Factors Subject t<br>Special Health C<br>up)   | ul<br>to                   | : The following c                       | omponents are listed | 1: Xylene                   |                           |
| Standard of Indu<br>Safety and Healtl<br>Annex 12 (Hazard<br>substances subj<br>control)  | h<br>dous                  | : Phe following c                       | omponents are listed | d: n-butyl acetate, titaniu | m dioxide, Xylene         |
| B. Regulation accor   | rding to C                 | hemicals Control                        | Act                  |                             |                           |
| CCA Article 11 (  | (TRI)                      | : The following c                       | omponents are listed | d: Xylene                   |                           |
| Date of issue/Date of revis   | sion                       | : 2-11-2022                             |                      | Version : 1.01              |                           |

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### Section 15. Regulatory information

| CCA Article 18<br>Prohibited (K-Reach<br>Article 27)                | : None of the components are listed.   |
|---|--|
| CCA Article 19 Subject<br>to authorization (K-<br>Reach Article 25) | : None of the components are listed.   |
| CCA Article 20 Toxic<br>Chemicals (K-Reach<br>Article 20)           | : Not applicable   |
| CCA Article 20<br>Restricted (K-Reach<br>Article 27)                | : None of the components are listed.   |
| CCA Article 39<br>(Accident Precaution<br>Chemicals)                | : None of the components are listed.   |
| Existing Chemical<br>Substances Subject to<br>Registration          | : ₱he following components are listed: Xylene; Dimethylbenzene, Quartz, Trizinc bis (orthophosphate  |
| Dangerous Materials<br>Safety Management Act                        | <ul> <li>Class: Class 4 - Flammable Liquid</li> <li>Item: 4. Class 2 petroleums - Water-insoluble liquid</li> <li>Threshold: 1000 L</li> <li>Danger category: III</li> <li>Signal word: Contact with sources of ignition prohibited</li> </ul> |
| Wastes regulation   | : Dispose of contents and container in accordance with all local, regional, national and international regulations.  |
| Regulation according to   | other foreign laws   |
| International regulations   |  |
| <u>Chemical Weapon Conv</u>   | rention List Schedules I, II & III Chemicals   |
| Not listed.   |  |
| Montreal Protocol   |  |

Not listed.

C.

D.

E.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

### Section 16. Other information

| A. References                        | : Not available.  |
|--------------------------------------|-------------------|
| B. Date of issue/Date of<br>revision | : 2 November 2022 |
| C. Version                           | : 1.01            |
| Unique ID                            | :                 |
| Date of printing                     | : 2 November 2022 |
|                                      |                   |

D. Other

 ${\ensuremath{\overline{/}}}$  Indicates information that has changed from previously issued version.

### Section 16. Other information

| Key to abbreviations | : ATE = Acute Toxicity Estimate   |  |
|----------------------|---|--|
| -                    | BCF = Bioconcentration Factor   |  |
|                      | GHS = Globally Harmonized System of Classification and Labelling of Chemicals |  |
|                      | IATA = International Air Transport Association                                |  |
|                      | IBC = Intermediate Bulk Container   |  |
|                      | IMDG = International Maritime Dangerous Goods                                 |  |
|                      | LogPow = logarithm of the octanol/water partition coefficient                 |  |
|                      | MARPOL = International Convention for the Prevention of Pollution From Ships, |  |
|                      | 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)       |  |
|                      | N/A = Not available   |  |
|                      | SGG = Segregation Group   |  |
|                      | UN = United Nations   |  |
| lation to vendou     |   |  |

#### Notice to reader

FOR PROFESSIONAL USE ONLY

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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