# **SAFETY DATA SHEET**

United Arab Emirates

Date of issue/Date of revision

undertaking

Saudi Arabia

number

Tel: 00966 138 47 31 00 Fax: 00966 138 47 17 34 : 30 May 2024

Version

: 2.02

| 1.1 Product identifier                                    |                                                                   |
|-----------------------------------------------------------|-------------------------------------------------------------------|
| Product name                                              | : PSX 700 BASE RAL 9003                                           |
| Product code                                              | : 00331319                                                        |
| Other means of identificate<br>Not available.             | ition                                                             |
| 1.2 Relevant identified use                               | s of the substance or mixture and uses advised against            |
| Product use                                               | : Professional applications, Used by spraying.                    |
| Use of the substance/<br>mixture                          | : Coating.                                                        |
| Uses advised against                                      | : Product is not intended, labelled or packaged for consumer use. |
| 1.3 Details of the supplier                               | of the safety data sheet                                          |
| Sigma Paint Saudi Arabia L<br>PO Box 7509<br>Dammam 31472 | .td.                                                              |

SECTION 1: Identification of the substance/mixture and of the company/

| e-mail address of person responsible for this SDS | : ndpic@sfda.gov.sa         |
|---------------------------------------------------|-----------------------------|
| 1.4 Emergency telephone                           | : 00966 138473100 extn 1001 |

# **SECTION 2: Hazards identification**

| 2.1 Classification of the substance or mixture                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product definition : Mixture<br>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]                                                  |
| Skin Sens. 1, H317<br>Aquatic Chronic 3, H412                                                                                                        |
| The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.                                                            |
| See Section 16 for the full text of the H statements declared above.<br>See Section 11 for more detailed information on health effects and symptoms. |
| 2.2 Label elements                                                                                                                                   |
| Hazard pictograms :                                                                                                                                  |

Signal word



| 2020/878 |            |                                |                                 |
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**SECTION 2: Hazards identification** 

| Hazard statements                                                                                                                                 | : May cause an allergic skin reaction.<br>Harmful to aquatic life with long lasting effects.                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary statements                                                                                                                          |                                                                                                                                                                                                                                                           |
| Prevention                                                                                                                                        | : Wear protective gloves. Avoid release to the environment. Avoid breathing vapour.                                                                                                                                                                       |
| Response                                                                                                                                          | <ul> <li>Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with<br/>plenty of water.</li> </ul>                                                                                                                                   |
| Storage                                                                                                                                           | : Not applicable.                                                                                                                                                                                                                                         |
| Disposal                                                                                                                                          | <ul> <li>Dispose of contents and container in accordance with all local, regional, national and<br/>international regulations.</li> <li>P280, P273, P261, P362 + P364, P302 + P352, P501</li> </ul>                                                       |
| Hazardous ingredients                                                                                                                             | <ul> <li>4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-<br/>2,3-epoxypropane</li> <li>Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl<br/>1,2,2,6,6-pentamethyl-4-piperidyl sebacate</li> </ul> |
| Supplemental label elements                                                                                                                       | : Not applicable.                                                                                                                                                                                                                                         |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and<br>articles | : Not applicable.                                                                                                                                                                                                                                         |
| Special packaging requirem                                                                                                                        | nents                                                                                                                                                                                                                                                     |
| Containers to be fitted<br>with child-resistant<br>fastenings                                                                                     | : Not applicable.                                                                                                                                                                                                                                         |
| Tactile warning of danger                                                                                                                         | : Not applicable.                                                                                                                                                                                                                                         |
| 2.3 Other hazards                                                                                                                                 |                                                                                                                                                                                                                                                           |
| Product meets the criteria<br>for PBT or vPvB                                                                                                     | : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.                                                                                                                                                                   |
| Other hazards which do not result in classification                                                                                               | : None known.                                                                                                                                                                                                                                             |

# **SECTION 3: Composition/information on ingredients**

| 3.2 Mixtures                                                                                                                             | : Mixture                                                          |                 |                                                                                           |                                                 |      |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------|-------------------------------------------------|------|
| Product/ingredient name                                                                                                                  | Identifiers                                                        | %               | Classification                                                                            | Specific Conc.<br>Limits, M-factors<br>and ATEs | Туре |
| 4,4'-<br>Isopropylidenedicyclohexanol,<br>oligomeric reaction<br>products with 1-chloro-<br>2,3-epoxypropane                             | REACH #:<br>01-2119959495-22<br>EC: 500-070-7<br>CAS: 30583-72-3   | ≥25 - ≤50       | Skin Sens. 1, H317<br>Aquatic Chronic 3, H412                                             | -                                               | [1]  |
| Reaction mass of bis<br>(1,2,2,6,6-pentamethyl-<br>4-piperidyl) sebacate and<br>methyl<br>1,2,2,6,6-pentamethyl-<br>4-piperidyl sebacate | REACH #:<br>01-2119491304-40<br>EC: 915-687-0<br>CAS: 1065336-91-5 | ≥0.30 -<br><2.5 | Skin Sens. 1A, H317<br>Repr. 2, H361f<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 | M [Acute] = 1<br>M [Chronic] = 1                | [1]  |
|                                                                                                                                          | ·                                                                  | English         | (GB) United Arab Er                                                                       | mirates                                         | 2/13 |

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| PSX 700 BASE RAL 9003  |                |           |                         |         |              |     |   |
| <b>SECTION 3: Com</b>  | position/infor | mation on | ingredients             |         |              |     |   |
| propylidynetrimethanol | REACH #:       | ≤0.30     | Repr. 2. H361fd         | -       |              | [1] | ĺ |

| propylidynetrimethanol | REACH #:<br>01-2119486799-10<br>EC: 201-074-9<br>CAS: 77-99-6 | ≤0.30 | Repr. 2, H361fd                                                               | - | [1] |
|------------------------|---------------------------------------------------------------|-------|-------------------------------------------------------------------------------|---|-----|
|                        |                                                               |       | See Section 16 for<br>the full text of the H<br>statements declared<br>above. |   |     |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

Substance classified with a health or environmental hazard

This mixture contains  $\geq$  1% of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

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

SUB codes represent substances without registered CAS Numbers.

# **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

| Eye contact                | <ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids<br/>apart for at least 10 minutes and seek immediate medical advice.</li> </ul>                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation                 | <ul> <li>Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is<br/>irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained<br/>personnel.</li> </ul>                                            |
| Skin contact               | <ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water<br/>or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>                                                                                            |
| Ingestion                  | <ul> <li>If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.</li> </ul>                                                                                                              |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. It may<br>be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash<br>contaminated clothing thoroughly with water before removing it, or wear gloves. |

#### 4.2 Most important symptoms and effects, both acute and delayed

| Potential acute health   | <u>effects</u>                                                                                                                                                           |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact              | : No known significant effects or critical hazards.                                                                                                                      |
| Inhalation               | : No known significant effects or critical hazards.                                                                                                                      |
| Skin contact             | : May cause an allergic skin reaction.                                                                                                                                   |
| Ingestion                | : No known significant effects or critical hazards.                                                                                                                      |
| Over-exposure signs/     | symptoms                                                                                                                                                                 |
| Eye contact              | : No specific data.                                                                                                                                                      |
| Inhalation               | : No specific data.                                                                                                                                                      |
| Skin contact             | : Adverse symptoms may include the following:<br>irritation<br>redness                                                                                                   |
| Ingestion                | : No specific data.                                                                                                                                                      |
| 4.3 Indication of any im | mediate medical attention and special treatment needed                                                                                                                   |
| Notes to physician       | : In case of inhalation of decomposition products in a fire, symptoms may be delayed.<br>The exposed person may need to be kept under medical surveillance for 48 hours. |

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| PSX 700 BASE RAL 9003                    |                                                                                                                                                                                                                                                                                 |        |
| SECTION 4: First aid                     |                                                                                                                                                                                                                                                                                 |        |
| Specific treatments                      | : No specific treatment.                                                                                                                                                                                                                                                        |        |
| SECTION 5: Firefigh                      | ting measures                                                                                                                                                                                                                                                                   |        |
| 5.1 Extinguishing media                  |                                                                                                                                                                                                                                                                                 |        |
| Suitable extinguishing media             | : Use an extinguishing agent suitable for the surrounding fire.                                                                                                                                                                                                                 |        |
| Unsuitable extinguishing media           | : None known.                                                                                                                                                                                                                                                                   |        |
| 5.2 Special hazards arising f            | rom the substance or mixture                                                                                                                                                                                                                                                    |        |
| Hazards from the substance or mixture    | : In a fire or if heated, a pressure increase will occur and the container may burst. T material is harmful to aquatic life with long lasting effects. Fire water contaminated this material must be contained and prevented from being discharged to any water sewer or drain. | l with |
| Hazardous combustion products            | : Decomposition products may include the following materials:<br>carbon oxides<br>nitrogen oxides<br>halogenated compounds<br>metal oxide/oxides                                                                                                                                |        |
| 5.3 Advice for firefighters              |                                                                                                                                                                                                                                                                                 |        |
|                                          | : Promptly isolate the scene by removing all persons from the vicinity of the incident there is a fire. No action shall be taken involving any personal risk or without suital                                                                                                  |        |
| Special precautions for<br>fire-fighters | training.                                                                                                                                                                                                                                                                       |        |

# **SECTION 6: Accidental release measures**

| 6.1 Personal precautions, pro  | tective 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 spilt material. Avoid breathing vapour or mist.<br>Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment. |
| For emergency responders       | : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".                                                                                                                                                                                                     |
| 6.2 Environmental precautions  | : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.                                                                                            |
| 6.3 Methods and material for   | containment and cleaning up                                                                                                                                                                                                                                                                                                                                                                                     |

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up<br/>if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and<br/>place in an appropriate waste disposal container. Dispose of via a licensed waste<br/>disposal contractor.

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#### **SECTION 6: Accidental release measures**

| Large spill                     | : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product. |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.4 Reference to other sections | <ul> <li>See Section 1 for emergency contact information.</li> <li>See Section 8 for information on appropriate personal protective equipment.</li> <li>See Section 13 for additional waste treatment information.</li> </ul>                                                                                                                                                                                                                                                                                                                                                   |

# **SECTION 7: Handling and storage**

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

#### 7.1 Precautions for safe handling

| Protective measures                                                    | : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.                                                                                    |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on general<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.                                                                                                                                                                                                                                                                                   |
| 7.2 Conditions for safe<br>storage, 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |

#### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

# **SECTION 8: Exposure controls/personal protection**

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

### 8.1 Control parameters

**Occupational exposure limits** 

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|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Product/ingredient name                       |                                                                                                                                                                                                                                                       | Exposure limit values                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| Manium dioxide                                |                                                                                                                                                                                                                                                       | Abu Dhabi - OSHAD - Occupational air quality threshold limit<br>values (United Arab Emirates, 7/2016).<br>TWA: 10 mg/m <sup>3</sup> 8 hours.<br>Cabinet Decree (12) of 2006 Regarding Regulation Concerning<br>Protection of Air from Pollution (United Arab Emirates, 5/2006).<br>TWA: 10 mg/m <sup>3</sup> 8 hours.<br>ACGIH TLV (United States, 7/2023).<br>TWA: 2.5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction, finescale<br>particles<br>Abu Dhabi - OSHAD - Occupational air quality threshold limit<br>values (United Arab Emirates, 7/2016). [aluminum metal and<br>insoluble compounds]<br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: measured as respirable fraction of<br>the aerosol<br>ACGIH TLV (United States, 7/2023). [Aluminum, metal and<br>insoluble compounds]<br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction<br>ACGIH TLV (United States).<br>TWA: 1 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction                                |  |  |  |  |
| Recommended monitoring procedures             | Standard EN 689<br>by inhalation to c<br>strategy) Europe<br>application and u<br>biological agents<br>requirements for<br>agents) Referen                                                                                                            | d be made to monitoring standards, such as the following: European<br>O (Workplace atmospheres - Guidance for the assessment of exposure<br>chemical agents for comparison with limit values and measurement<br>ean Standard EN 14042 (Workplace atmospheres - Guide for the<br>use of procedures for the assessment of exposure to chemical and<br>O) European Standard EN 482 (Workplace atmospheres - General<br>the performance of procedures for the measurement of chemical<br>ce to national guidance documents for methods for the determination<br>postances will also be required.                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |
| 8.2 Exposure controls                         |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |
| Appropriate engineering controls              | : Good general ve contaminants.                                                                                                                                                                                                                       | ntilation should be sufficient to control worker exposure to airborne                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |
| Individual protection measu                   | res                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |
| Hygiene measures                              | eating, smoking<br>Appropriate tech<br>Contaminated w<br>contaminated clo                                                                                                                                                                             | earms and face thoroughly after handling chemical products, before<br>and using the lavatory and at the end of the working period.<br>niques should be used to remove potentially contaminated clothing.<br>ork clothing should not be allowed out of the workplace. Wash<br>othing before reusing. Ensure that eyewash stations and safety<br>se to the workstation location.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |
| Eye/face protection<br><u>Skin protection</u> | : Safety glasses w                                                                                                                                                                                                                                    | vith side shields.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |
| Hand protection                               | worn at all times<br>necessary. Cons<br>during use that th<br>noted that the tin<br>glove manufactu<br>protection time o<br>frequently repeat<br>(breakthrough tir<br>When only brief o<br>(breakthrough tir<br>The user must cl<br>product is the mo | Int, impervious gloves complying with an approved standard should be<br>when handling chemical products if a risk assessment indicates this is<br>sidering the parameters specified by the glove manufacturer, check<br>he gloves are still retaining their protective properties. It should be<br>ne to breakthrough for any glove material may be different for different<br>rers. In the case of mixtures, consisting of several substances, the<br>f the gloves cannot be accurately estimated. When prolonged or<br>ted contact may occur, a glove with a protection class of 6<br>ne greater than 480 minutes according to EN 374) is recommended.<br>contact is expected, a glove with a protection class of 2 or higher<br>ne greater than 30 minutes according to EN 374) is recommended.<br>heck that the final choice of type of glove selected for handling this<br>ost appropriate and takes into account the particular conditions of use,<br>e user's risk assessment. |  |  |  |  |
|                                               |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |

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| PSX 700 BASE RAL 9003         |                                                                                                                                                                             |               |
| Gloves                        | : butyl rubber                                                                                                                                                              |               |
| Body protection               | <ul> <li>Personal protective equipment for the body should be selected<br/>performed and the risks involved and should be approved by<br/>handling this product.</li> </ul> |               |
| Other skin protection         | Appropriate footwear and any additional skin protection meas<br>based on the task being performed and the risks involved and<br>specialist before handling this product.    |               |
| <b>Respiratory protection</b> |                                                                                                                                                                             |               |

| Respiratory protection |                                                                                      |  |
|------------------------|--------------------------------------------------------------------------------------|--|
| Environmental exposure | : Emissions from ventilation or work process equipment should be checked to ensure   |  |
| 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.                          |  |

# **SECTION 9: Physical and chemical properties**

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

| 9.1 Information on basic physica                | a | nd chemical propert                                                                                                                                                                                                    | ies                         |          |                |           |           |              |
|-------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------|----------------|-----------|-----------|--------------|
| <u>Appearance</u>                               |   |                                                                                                                                                                                                                        |                             |          |                |           |           |              |
| Physical state                                  | 5 | Liquid.                                                                                                                                                                                                                |                             |          |                |           |           |              |
| Colour                                          | : | White.                                                                                                                                                                                                                 |                             |          |                |           |           |              |
| Odour                                           | : | Characteristic.                                                                                                                                                                                                        | haracteristic.              |          |                |           |           |              |
| Odour threshold                                 | : | lot available.                                                                                                                                                                                                         |                             |          |                |           |           |              |
| Melting point/freezing point                    | : | May start to solidify at the following temperature: -12.9°C (8.8°F) This is based on data for the following ingredient: 4,4'-Isopropylidenedicyclohexanol, oligomeric eaction products with 1-chloro-2,3-epoxypropane. |                             |          |                |           |           |              |
| Initial boiling point and<br>boiling range      | : | >37.78°C                                                                                                                                                                                                               |                             |          |                |           |           |              |
| Flammability                                    | : | Not available.                                                                                                                                                                                                         |                             |          |                |           |           |              |
| Upper/lower flammability or<br>explosive limits | : | Not available.                                                                                                                                                                                                         |                             |          |                |           |           |              |
| Flash point                                     | : | Ølosed cup: 70°C                                                                                                                                                                                                       |                             |          |                |           |           |              |
| Auto-ignition temperature                       | ÷ | Not available.                                                                                                                                                                                                         |                             |          |                |           |           |              |
| Decomposition temperature                       | : | Stable under recomm                                                                                                                                                                                                    | nended st                   | orage ai | nd handling co | onditions | (see Sect | tion 7).     |
| рН                                              | : | Not applicable. insol                                                                                                                                                                                                  | uble in wa                  | ter.     |                |           |           |              |
| Viscosity                                       | : | Kinematic (40°C): >2                                                                                                                                                                                                   | Kinematic (40°C): >21 mm²/s |          |                |           |           |              |
| Solubility(ies)                                 | : |                                                                                                                                                                                                                        |                             |          |                |           |           |              |
| Media                                           |   | Result                                                                                                                                                                                                                 |                             |          |                |           |           |              |
| cold water                                      |   | Not soluble                                                                                                                                                                                                            |                             |          |                |           |           |              |
| Partition coefficient: n-octanol/<br>water      | : | Not applicable.                                                                                                                                                                                                        |                             |          |                |           |           |              |
| Vapour pressure                                 | : | la su di su fa su su s                                                                                                                                                                                                 | Vapoι                       | ır Press | ure at 20°C    | Vapo      | our press | sure at 50°C |
|                                                 |   | Ingredient name                                                                                                                                                                                                        | mm Hg                       | kPa      | Method         | mm<br>Hg  | kPa       | Method       |
|                                                 |   | atuminium hydroxide                                                                                                                                                                                                    | <0.075                      | <0.01    |                |           |           |              |
| Evaporation rate                                | : | Not available.                                                                                                                                                                                                         |                             | -        | ŗ              |           |           |              |
| Relative density                                | : | 1.46                                                                                                                                                                                                                   |                             |          |                |           |           |              |
| Explosive properties                            | : | The product itself is vapour or dust with a                                                                                                                                                                            |                             |          | the formation  | of an exp | losible m | ixture of    |
| Oxidising properties                            | : | Product does not pre                                                                                                                                                                                                   | esent an o                  | xidizing | hazard.        |           |           |              |
| Particle characteristics                        |   |                                                                                                                                                                                                                        |                             |          |                |           |           |              |

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| PSX 700 BASE RAL 9003                      |                                                                                              |
| <b>SECTION 9: Physic</b>                   | cal and chemical properties                                                                  |
| Median particle size                       | : Not applicable.                                                                            |
| 9.2 Other information                      |                                                                                              |
| No additional information.                 |                                                                                              |
| SECTION 10: Stabi                          | lity and reactivity                                                                          |
| 10.1 Reactivity                            | : No specific test data related to reactivity available for this product or its ingredients. |
| 10.2 Chemical stability                    | : The product is stable.                                                                     |
| 10.3 Possibility of<br>hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.            |

# 10.4 Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8. 10.5 Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids. 10.6 Hazardous decomposition products : Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides halogenated compounds metal oxide/oxides

# **SECTION 11: Toxicological information**

#### **11.1 Information on toxicological effects**

#### Acute toxicity

| Product/ingredien                                                                  | t name                                                    | Result                        | Species               | Dose                   | Exposure |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------|-----------------------|------------------------|----------|
| Reaction mass of bis<br>(1,2,2,6,6-pentamethyl-4-piperidyl)<br>sebacate and methyl |                                                           | LD50 Dermal                   | Rat                   | >3170 mg/kg            | -        |
| 1,2,2,6,6-pentamethyl-4-pip                                                        | peridyl sebacate                                          | LD50 Oral                     | Rat - Male,<br>Female | 3230 mg/kg             | -        |
| propylidynetrimethanol                                                             |                                                           | LD50 Dermal<br>LD50 Oral      | Rabbit<br>Rat         | 10 g/kg<br>14000 mg/kg | -        |
| Conclusion/Summary                                                                 | : There are                                               | no data available on the mixt | ure itself.           |                        |          |
| Irritation/Corrosion                                                               |                                                           |                               |                       |                        |          |
| Conclusion/Summary                                                                 |                                                           |                               |                       |                        |          |
| Skin                                                                               | Skin : There are no data available on the mixture itself. |                               |                       |                        |          |
| Eyes                                                                               | Eyes : There are no data available on the mixture itself. |                               |                       |                        |          |
| Respiratory : There are no data available on the mixture itself.                   |                                                           |                               |                       |                        |          |
| Sensitisation                                                                      |                                                           |                               |                       |                        |          |
| Conclusion/Summary                                                                 |                                                           |                               |                       |                        |          |
| Skin                                                                               | : There are                                               | no data available on the mixt | ure itself.           |                        |          |
| <b>Respiratory</b> : There are no data available on the mixture itself.            |                                                           |                               |                       |                        |          |
| Mutagenicity                                                                       |                                                           |                               |                       |                        |          |
| Conclusion/Summary : There are no data available on the mixture itself.            |                                                           |                               |                       |                        |          |
| Conclusion/Summary                                                                 | : There are                                               | no data available on the mixt | ure itself.           |                        |          |
|                                                                                    |                                                           | English (CB)                  | United Arch E         |                        | 0/4 0    |

| Conforms to Regulation (EC 2020/878       | C) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU)                          |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------|
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| PSX 700 BASE RAL 9003                     |                                                                                                       |
| SECTION 11: Toxic                         | ological information                                                                                  |
| Reproductive toxicity                     |                                                                                                       |
| Conclusion/Summary                        | : There are no data available on the mixture itself.                                                  |
| <b>Teratogenicity</b>                     |                                                                                                       |
| Conclusion/Summary                        | : There are no data available on the mixture itself.                                                  |
| Specific target organ toxic               | <u>tity (single exposure)</u>                                                                         |
| Not available.                            |                                                                                                       |
| Specific target organ toxic               | <u>zity (repeated exposure)</u>                                                                       |
| Not available.                            |                                                                                                       |
| Aspiration hazard                         |                                                                                                       |
| Not available.                            |                                                                                                       |
| Information on likely                     | : Not available.                                                                                      |
| routes of exposure                        |                                                                                                       |
| Potential acute health effe               | ects                                                                                                  |
| Inhalation                                | : No known significant effects or critical hazards.                                                   |
| Ingestion                                 | : No known significant effects or critical hazards.                                                   |
| Skin contact                              | : May cause an allergic skin reaction.                                                                |
| Eye contact                               | : No known significant effects or critical hazards.                                                   |
|                                           | bhysical, chemical and toxicological characteristics                                                  |
| Inhalation                                | : No specific data.                                                                                   |
| Ingestion                                 | : No specific data.                                                                                   |
| Skin contact                              | : Adverse symptoms may include the following:<br>irritation<br>redness                                |
| Eye contact                               | : No specific data.                                                                                   |
| · · · · · · · · · · · · · · · · · · ·     | fects as well as chronic effects from short and long-term exposure                                    |
| Short term exposure                       |                                                                                                       |
| Potential immediate                       | : Not available.                                                                                      |
|                                           | n . Natavailabla                                                                                      |
| Potential delayed effect                  | s : Not available.                                                                                    |
| Long term exposure<br>Potential immediate | : Not available.                                                                                      |
| effects                                   |                                                                                                       |
| Potential delayed effect                  | s : Not available.                                                                                    |
| Potential chronic health e                | ifects                                                                                                |
| Not available.                            |                                                                                                       |
| Conclusion/Summary                        | : 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.                                                   |
| Other information                         | : Not available.                                                                                      |
|                                           | ble of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or           |
| fatal or cause blindness.                 |                                                                                                       |

#### 11.2 Information on other hazards

#### **11.2.1 Endocrine disrupting properties**

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**SECTION 11: Toxicological information** 

Not available.

**11.2.2 Other information** 

Not available.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

| Product/ingredient name                                                                        | Result                | Species | Exposure |
|------------------------------------------------------------------------------------------------|-----------------------|---------|----------|
| 4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | LC50 11.5 mg/l        | Fish    | 96 hours |
| Reaction mass of bis(1,2,2,6,6-pentamethyl-<br>4-piperidyl) sebacate and methyl                | EC50 1.68 mg/l        | Algae   | 72 hours |
| 1,2,2,6,6-pentamethyl-4-piperidyl sebacate                                                     |                       |         | 0.01     |
|                                                                                                | LC50 0.9 mg/l         | Fish    | 96 hours |
| propylidynetrimethanol                                                                         | Acute LC50 >1000 mg/l | Fish    | 96 hours |

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

#### 12.2 Persistence and degradability

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

#### 12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| propylidynetrimethanol  | -0.47  | -   | Low       |

| 12.4 Mobility in soil                                  |                  |
|--------------------------------------------------------|------------------|
| Soil/water partition<br>coefficient (K <sub>oc</sub> ) | : Not available. |
| Mobility                                               | : Not available. |

#### 12.5 Results of PBT and vPvB assessment

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

#### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

#### SECTION 13: Disposal considerations

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

#### 13.1 Waste treatment methods

| Product             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods of disposal | : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. |
|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

English (GB)

**United Arab Emirates** 

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## **SECTION 13: Disposal considerations**

| Hazardous waste<br>European waste catalog | : Yes.<br>gue (EWC)                                                                                                                                                                                                                                                                                                                 |  |  |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Waste code                                | Waste designation                                                                                                                                                                                                                                                                                                                   |  |  |
| 08 01 11*                                 | waste paint and varnish containing organic solvents or other hazardous substances                                                                                                                                                                                                                                                   |  |  |
| Packaging                                 |                                                                                                                                                                                                                                                                                                                                     |  |  |
| Methods of disposal                       | : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.                                                                                                                                  |  |  |
| Type of packaging                         | European waste catalogue (EWC)                                                                                                                                                                                                                                                                                                      |  |  |
| Container                                 | 15 01 06 mixed packaging                                                                                                                                                                                                                                                                                                            |  |  |
| Special 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. |  |  |

# **SECTION 14: Transport information**

|                                    | ADR/RID         | IMDG            | ΙΑΤΑ            |
|------------------------------------|-----------------|-----------------|-----------------|
| 14.1 UN number or ID<br>number     | Not regulated.  | Not regulated.  | Not regulated.  |
| 14.2 UN proper<br>shipping name    | -               | -               | -               |
| 14.3 Transport<br>hazard class(es) | -               | -               | -               |
| 14.4 Packing group                 | -               | -               | -               |
| 14.5 Environmental hazards         | No.             | No.             | No.             |
| Marine pollutant<br>substances     | Not applicable. | Not applicable. | Not applicable. |

#### **Additional information**

| ADR/RID | : None identified. |
|---------|--------------------|
| IMDG    | : None identified. |
| ΙΑΤΑ    | : None identified. |

**14.6 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 the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments : Not applicable.

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 SECTION 15: Regulatory information

 SECTION 15: Regulatory information

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

Annex XIV - List of substances subject to authorisation

#### <u>Annex XIV</u>

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions: Not applicable.on the manufacture,<br/>placing on the market<br/>and use of certain<br/>dangerous substances,<br/>mixtures and articles: Not applicable.Other national and international regulations.<br/>Explosive precursors: Not applicable.

Ozone depleting substances (1005/2009/EU)

Not listed.

15.2 Chemical safety assessment

: No Chemical Safety Assessment has been carried out.

# **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

| Indicates information that                | has changed from previously is                                                                                                                                                                                                                                                                                                                                                        | sued version.                                                                                                                                                                                                                                                     |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Abbreviations and acronyms                | <ul> <li>ATE = Acute Toxicity Estimate<br/>CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.<br/>1272/2008]<br/>DNEL = Derived No Effect Level<br/>EUH statement = CLP-specific Hazard statement<br/>PNEC = Predicted No Effect Concentration<br/>RRN = REACH Registration Number</li> </ul>                                                              |                                                                                                                                                                                                                                                                   |
| Full text of abbreviated H statements     | <ul> <li>F317 May cause an allergic skin reaction.</li> <li>H361f Suspected of damaging fertility.</li> <li>H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> <li>H412 Harmful to aquatic life with long lasting effects.</li> </ul> |                                                                                                                                                                                                                                                                   |
| Full text of classifications<br>[CLP/GHS] | : Aquatic Acute 1<br>Aquatic Chronic 1<br>Aquatic Chronic 3<br>Repr. 2<br>Skin Sens. 1<br>Skin Sens. 1A                                                                                                                                                                                                                                                                               | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1<br>LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1<br>LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3<br>REPRODUCTIVE TOXICITY - Category 2<br>SKIN SENSITISATION - Category 1<br>SKIN SENSITISATION - Category 1A |
| <u>History</u>                            |                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                   |
| Date of issue/ Date of revision           | : 30 May 2024                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                   |
| Date of previous issue                    | : 23 February 2023                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
| Prepared by                               | : EHS                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
| Version                                   | : 2.02                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                   |
| <u>Disclaimer</u>                         |                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                   |

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# **SECTION 16: Other information**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.