1. Product and company identification

Product name: PSX 700 DEEP TINT RESIN
Product code: PX700T1
Product type: Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Product use: Industrial applications, Used by spraying.
Use of the substance/mixture: Coating.
Uses advised against: Not applicable.

Supplier's details: PPG PMC Japan Co., Ltd.
8F, Shintetsu Bldg., 1-1, Daikaidori 1-chome, Kobe 652-0803
Tel.: +81 78 574 2777
Fax.: +81 78 576 0035

Emergency telephone number: 078 574 2777

2. Hazards identification

GHS Classification:
- EYE IRRITATION - Category 2A
- SKIN SENSITIZATION - Category 1
- CARCINOGENICITY - Category 1A
- SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory system) - Category 2
- AQUATIC HAZARD (ACUTE) - Category 3
- AQUATIC HAZARD (LONG-TERM) - Category 3

GHS label elements
Hazard pictograms:

Signal word: Danger
Hazard statements:
- Causes serious eye irritation.
- May cause an allergic skin reaction.
- May cause cancer.
- May cause damage to organs through prolonged or repeated exposure. (respiratory system)
- Harmful to aquatic life with long lasting effects.

Precautionary statements:
2. Hazards identification

**Prevention**: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Avoid release to the environment. Do not breathe vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

**Response**: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result in classification** : None known.

3. Composition/information on ingredients

**Substance/mixture** : Mixture

**CAS number/other identifiers**
- **CAS number** : Not applicable.
- **ENCS number** : Not available.

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
<th>ENCS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane</td>
<td>25 - &lt;50</td>
<td>30583-72-3</td>
<td>Not available.</td>
</tr>
<tr>
<td>titanium dioxide (nanoparticle)</td>
<td>7 - &lt;10</td>
<td>13463-67-7</td>
<td>1-558</td>
</tr>
<tr>
<td>bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate</td>
<td>1 - &lt;2</td>
<td>41556-26-7</td>
<td>5-5501</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), α-(nonylphenyl)-ω-hydroxy-, branched, phosphates</td>
<td>1 - &lt;2</td>
<td>68412-53-3</td>
<td>Not available.</td>
</tr>
<tr>
<td>Crystalline-quartz</td>
<td>0.2 - &lt;0.5</td>
<td>14808-60-7</td>
<td>1-548</td>
</tr>
<tr>
<td>methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate</td>
<td>0.2 - &lt;0.5</td>
<td>82919-37-7</td>
<td>5-5593</td>
</tr>
<tr>
<td>Methanol</td>
<td>0.1 - &lt;0.2</td>
<td>67-56-1</td>
<td>2-201</td>
</tr>
</tbody>
</table>

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

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

**SUB codes represent substances without registered CAS Numbers.**

4. First aid measures

**Description of necessary first aid measures**

**Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

**Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

**Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.
4. First aid measures

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

**Potential acute health effects**

- **Eye contact**: Causes serious eye irritation.  
- **Inhalation**: No known significant effects or critical hazards.  
- **Skin contact**: May cause an allergic skin reaction.  
- **Ingestion**: No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

- **Eye contact**: Adverse symptoms may include the following:  
  - pain or irritation  
  - watering  
  - redness  
- **Inhalation**: No specific data.  
- **Skin contact**: Adverse symptoms may include the following:  
  - irritation  
  - redness  
- **Ingestion**: No specific data.

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

- **Notes to physician**: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.  
- **Specific treatments**: No specific treatment.  
- **Protection of first-aiders**: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

5. Fire-fighting measures

**Extinguishing media**

- **Suitable extinguishing media**: Use an extinguishing agent suitable for the surrounding fire.  
- **Unsuitable extinguishing media**: None known.

**Specific hazards arising from the chemical**

- In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products**

- Decomposition products may include the following materials:  
  - carbon oxides  
  - nitrogen oxides  
  - halogenated compounds  
  - metal oxide/oxides

**Special protective actions for fire-fighters**

- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
5. Fire-fighting measures

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

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

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

7. Handling and storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). 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. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. 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.

Conditions for safe storage: Do not store above the following temperature: 50°C (122°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. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (nanoparticle)</td>
<td>Japan Society for Occupational Health (Japan, 5/2018).&lt;br&gt;OEL-M: 1 mg/m³ 8 hours. Form: Respirable dust&lt;br&gt;OEL-M: 4 mg/m³ 8 hours. Form: Total dust&lt;br&gt;OEL-M: 0.3 mg/m³, (as Ti) 8 hours. Form: nanoparticle</td>
</tr>
<tr>
<td>Crystalline-quartz</td>
<td>Japan Society for Occupational Health (Japan, 5/2018).&lt;br&gt;OEL-C: 0.03 mg/m³ Form: Respirable dust</td>
</tr>
<tr>
<td>Methanol</td>
<td>Japan Society for Occupational Health (Japan, 5/2018).&lt;br&gt;OEL-M: 260 mg/m³ 8 hours.&lt;br&gt;OEL-M: 200 ppm 8 hours.&lt;br&gt;ISHL (Japan, 2/2019).&lt;br&gt;TWA: 200 ppm 8 hours.</td>
</tr>
</tbody>
</table>

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure 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.

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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye protection: Chemical splash goggles.

Skin protection

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Gloves: butyl rubber
8. Exposure controls/personal protection

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

9. Physical and chemical properties

Appearance
Physical state: Liquid.
Odor: Characteristic.
Boiling point: >37.78°C (>100°F)
Flash point: Closed cup: 97.22°C (207°F)
Evaporation rate: 0.7 (butyl acetate = 1)
Vapor pressure: 1.6 kPa (12 mm Hg) [room temperature]
Relative density: 1.32
Solubility: Insoluble in the following materials: cold water.
Viscosity: Not Applicable

10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: When exposed to high temperatures may produce hazardous decomposition products.

Incompatible materials: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

Hazardous decomposition products: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.
## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (nanoparticle)</td>
<td>LC50 Inhalation Dusts and mists</td>
<td>Rat</td>
<td>&gt;6.82 mg/l</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>&gt;5000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;5000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3.125 g/kg</td>
<td>-</td>
</tr>
<tr>
<td>Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate methyl</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3.125 g/kg</td>
<td>-</td>
</tr>
<tr>
<td>1,2,2,6,6-pentamethyl-4-piperidyl sebacate</td>
<td>LC50 Inhalation Gas.</td>
<td>Rat</td>
<td>145000 ppm</td>
<td>1 hours</td>
</tr>
<tr>
<td>Methanol</td>
<td>LC50 Inhalation Gas.</td>
<td>Rat</td>
<td>64000 ppm</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>64000 ppm</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>15800 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>5600 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

### Irritation/Corrosion

Not available.

### Sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Route of exposure</th>
<th>Target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>Category 1</td>
<td>Not determined</td>
<td>Central nervous system (CNS), eyes and systemic toxicity</td>
</tr>
<tr>
<td></td>
<td>Category 3</td>
<td>Not applicable.</td>
<td>Narcotic effects</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Route of exposure</th>
<th>Target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (nanoparticle)</td>
<td>Category 1</td>
<td>Not determined</td>
<td>Respiratory system, kidneys and immune system, kidneys and respiratory system, central nervous system (CNS) and eyes</td>
</tr>
<tr>
<td>Crystalline-quartz</td>
<td>Category 1</td>
<td>Not determined</td>
<td>Respiratory system, kidneys and immune system, kidneys and respiratory system, central nervous system (CNS) and eyes</td>
</tr>
<tr>
<td>Methanol</td>
<td>Category 1</td>
<td>Not determined</td>
<td>Respiratory system, kidneys and immune system, kidneys and respiratory system, central nervous system (CNS) and eyes</td>
</tr>
</tbody>
</table>

### Aspiration hazard

Not available.
11. Toxicological information

Information on the likely routes of exposure: Not available.

Potential acute health effects

Eye contact: Causes serious eye irritation.
Inhalation: No known significant effects or critical hazards.
Skin contact: May cause an allergic skin reaction.
Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Adverse symptoms may include the following:
- pain or irritation
- watering
- redness
Inhalation: No specific data.
Skin contact: Adverse symptoms may include the following:
- irritation
- redness
Ingestion: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: Not available.
Potential delayed effects: Not available.

Long term exposure

Potential immediate effects: Not available.
Potential delayed effects: Not available.

Potential chronic health effects

General: May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity: May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Oral (mg/kg)</th>
<th>Dermal (mg/kg)</th>
<th>Inhalation (gases) (ppm)</th>
<th>Inhalation (vapors) (mg/l)</th>
<th>Inhalation (dusts and mists) (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSX 700 DEEP TINT RESIN</td>
<td>13458.1</td>
<td>24058.5</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate</td>
<td>3125</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate</td>
<td>3125</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Methanol</td>
<td>500</td>
<td>15800</td>
<td>64000</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Japan Page: 8/12
11. Toxicological information

Other information:
Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness. Emits toxic fumes when heated.

12. Ecological information

Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4’-Isopropyldenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane titanium dioxide (nanoparticle) Methanol</td>
<td>LC50 11.5 mg/l</td>
<td>Fish</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 &gt;100 mg/l Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 13 mg/l Fresh water</td>
<td>Fish</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP_{ow}</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>-0.77</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

Mobility

- Soil/water partition coefficient (K_{oc}): Not available.
- Mobility: Not available.
- Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

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

<table>
<thead>
<tr>
<th>UN number</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Packing group</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>No.</td>
<td>No.</td>
</tr>
<tr>
<td>Marine pollutant substances</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

Additional information
UN: None identified.
IMDG: None identified.
IATA: None identified.

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. Regulatory information

Fire Service Law

<table>
<thead>
<tr>
<th>Category</th>
<th>Substance name/Type</th>
<th>Danger category</th>
<th>Signal word</th>
<th>Designated quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category IV</td>
<td>Class III petroleum</td>
<td>III</td>
<td>Flammable - Keep Fire Away</td>
<td>2000 L</td>
</tr>
</tbody>
</table>

Pollutant Release and Transfer Registers (PRTR)
None of the components are listed.

ISHL

Use of specified chemical substances
None of the components are listed.

Label requirements

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>Status</th>
<th>Reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crystalline silica</td>
<td>&lt;1.0</td>
<td>Listed</td>
<td>165-2</td>
</tr>
<tr>
<td>Titanium(IV) oxide</td>
<td>&lt;10</td>
<td>Listed</td>
<td>191</td>
</tr>
</tbody>
</table>

Chemicals requiring notification

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>Status</th>
<th>Reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>&lt;0.30</td>
<td>Listed</td>
<td>560</td>
</tr>
<tr>
<td>Crystalline silica</td>
<td>&lt;1.0</td>
<td>Listed</td>
<td>165-2</td>
</tr>
<tr>
<td>Titanium(IV) oxide</td>
<td>&lt;10</td>
<td>Listed</td>
<td>191</td>
</tr>
</tbody>
</table>
15. Regulatory information

**Carcinogen**
None of the components are listed.

**Mutagen**
None of the components are listed.

**Corrosive liquid**
: Not listed

**Occupational Safety and Health Law**
: Not available.

**Prevention of Tetraalkyl Lead Poisoning**
: Not listed

**Harmful Substances Subject to Obtaining Permission for Manufacturing**
: Not listed

**Harmful Substances, Prohibited for Manufacturing**
: Not listed

**Dangerous Substances**
: Not listed

**Lead regulation**
: Not listed

**Organic solvents poisoning prevention**
: Not available.

**Poisonous and Deleterious Substances**
None of the components are listed.

**Chemical Substances Control Law (CSCL)**

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>Status</th>
<th>Reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>0.10702</td>
<td>Priority assessment</td>
<td>90</td>
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</tbody>
</table>

**High Pressure Gas Control Law**
: Not available.

**Explosives Control Law**
None of the components are listed.

**Law Concerning Prevention of Pollution of the Ocean and Maritime Disaster**
: Not available.

**Maritime Safety Law**

**Notification Regulating Transportation of Dangerous Materials by Sea**
None of the components are listed.

**Container class**
None of the components are listed.

**JSOH Carcinogen**
: Group 1

**List of Specially Controlled Industrial Waste**
: Not listed

**Japan inventory**
: All components are listed or exempted.

**Road law**
: Not available.
16. Other information

History
- Date of issue/Date of revision: 18 February 2020
- Date of previous issue: 12/7/2019
- Version: 12
- Prepared by: EHS
- Key to abbreviations:
  - ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
  - ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
  - ATE = Acute Toxicity Estimate
  - BCF = Bioconcentration Factor
  - GHS = Globally Harmonized System of Classification and Labelling of Chemicals
  - IATA = International Air Transport Association
  - IMDG = International Maritime Dangerous Goods
  - LogPow = logarithm of the octanol/water partition coefficient
  - RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
  - UN = United Nations

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