NOTIFICATION

The following notification is being circulated in accordance with Article 10.6

1. **Notifying Member:** SINGAPORE

   If applicable, name of local government involved (Article 3.2 and 7.2):

2. **Agency responsible:** National Environment Agency (NEA)

   Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above:

   Ms Stefanie Koh
   Senior Scientific Officer, Pollution Control 2 Division
   40 Scotts Road, #12-00 Environment Building
   Singapore 228231
   Email: stefanie_koh@nea.gov.sg

   Mr Chen Fu Yi
   Principal Engineer, Pollution Control 1 Division
   40 Scotts Road, #12-00 Environment Building
   Singapore 228231
   Email: Chen_Fu_Yi@nea.gov.sg

3. **Notified under Article 2.9.2 [X], 2.10.1 [ ], 5.6.2 [ ], 5.7.1 [ ], other:**

4. **Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable):**

<table>
<thead>
<tr>
<th>HS heading</th>
<th>Description</th>
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<tbody>
<tr>
<td>32081020</td>
<td>Anti-fouling or anti-corrosive paints for ships' hulls based on polyesters in non-aqueous medium</td>
</tr>
<tr>
<td>32081090</td>
<td>Other paints based on polyesters in non-aqueous medium &amp; solutions</td>
</tr>
<tr>
<td>32082040</td>
<td>Anti-fouling or anti-corrosive paints of acrylic or vinyl polymers in non-aqueous medium for ship hull</td>
</tr>
<tr>
<td>32082090</td>
<td>Other paints &amp; varnishes in non-aqueous medium &amp; solutions based on acrylic or vinyl polymers</td>
</tr>
<tr>
<td>32089030</td>
<td>Anti-fouling or anti-corrosive paints for ships' hulls based on other polymers in non-aqueous medium</td>
</tr>
<tr>
<td>32089090</td>
<td>Other paints in non-aqueous medium &amp; solutions based on other polymers</td>
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</tbody>
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5. **Title, number of pages and language(s) of the notified document:** Environmental Protection and Management Act (Amendment of Second Schedule) Order 2021 (3 page(s), in English)

6. **Description of content:** NEA is proposing the following enhancements to the control of lead in paints:

   a) The manufacture and import of all paints, except zinc-based anti-corrosion and copper-based anti-fouling paints, with total lead concentration exceeding 90 ppm will not be allowed, unless solely for export; and

   b) Zinc-based anti-corrosion and copper-based anti-fouling paints with total lead concentration exceeding the limit of 90 ppm can only be used for industrial applications and the following label must be affixed on the paint containers, unless solely for export: "This paint contains lead. Restricted to industrial applications only. Do not use on furniture, buildings or in publicly accessible areas".

   c) The manufacture/import of all paints with total lead concentration exceeding 90 ppm for export will require a Hazardous Substance license from NEA.

7. **Objective and rationale, including the nature of urgent problems where applicable:** Lead is a cumulative toxicant that poses serious risks to the environment and human health. The exposure to lead can be from occupational and environmental sources (i.e. via inhalation of lead particles and/or ingestion of lead-contaminated dust, water and food). According to the United Nations Environment Programme (UNEP), paint producers have increasingly eliminated the use of intentionally-added lead additives in their paints for architectural and industrial applications. Many countries like the United States, Canada, Philippines and India have adopted the 90 ppm total lead concentration limit, in line with the recommendation from UNEP. As part of NEA's efforts to further protect our environment and public health, NEA reviewed the current control of lead in paints considering the technological developments in the paint industry and control measures implemented by other countries, and is proposing to enhance the control of lead in paints.

8. **Relevant documents:**

   - Environmental Protection and Management Act (EPMA) (version in force from 12 February 2020).

     The above document is available online at [http://statutes.agc.gov.sg/](http://statutes.agc.gov.sg/)

9. **Proposed date of adoption:** Notice will be published in the Republic of Singapore's Government Gazette when adopted

    **Proposed date of entry into force:** Notice will be published prior to the date of entry into force
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<tbody>
<tr>
<td><strong>10.</strong></td>
<td><strong>Final date for comments:</strong> 60 days from notification</td>
</tr>
<tr>
<td><strong>11.</strong></td>
<td><strong>Texts available from:</strong> National enquiry point [X] or address, telephone and fax numbers and email and website addresses, if available, of other body:</td>
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