Chemical
(road marking paint)

Biomedical
(cosmetics, sunscreen UVA protection)

SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS – 2 DECEMBER 2016

Under the National Standardisation Programme, public comment is an important stage of standards development where members of the public are invited to provide feedback on draft Singapore Standards for publications and work item proposals for development and review of Singapore Standards and Technical References. The establishment of Singapore Standards are done in accordance with the World Trade Organisation’s requirements for the development of national standards.

A) Notification of Withdrawal of Singapore Standard

Members of the public are invited to comment on the following Singapore Standard:

Chemical

1. Specification for road marking paint (SS 221 : 2002)

This standard applies to paints based on chlorinated rubber and alkyd resins, formulated to adhere to bituminous surfaces, concrete as well as other surfaces commonly used for roadways. It covers white, yellow and red paints recommended to be applied by road spraying machines or by brushing.

This standard is proposed for withdrawal as it will be replaced by the upcoming “Specification for water-based acrylic road marking paint”.

The standard is available at:

<table>
<thead>
<tr>
<th>Toppan Leefung Pte Ltd (Viewing and purchase)</th>
<th>National Library Board (Viewing only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Kim Seng Promenade #18-01</td>
<td>Lee Kong Chian Reference Library</td>
</tr>
<tr>
<td>Great World City East Tower</td>
<td>Level 7, 100 Victoria Street</td>
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<tr>
<td>Singapore 237994</td>
<td>Singapore 188064</td>
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<tr>
<td>Customer Service Hotline: (65) 6826 9691</td>
<td>Viewing hours:</td>
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<tr>
<td>Email: <a href="mailto:singaporestandardseshop@toppanleefung.com">singaporestandardseshop@toppanleefung.com</a></td>
<td>Mon to Sun: 10 am to 8.30 pm. Email <a href="mailto:ref@nlb.gov.sg">ref@nlb.gov.sg</a> to schedule an appointment to view the standards.</td>
</tr>
<tr>
<td>Contact person: Mr Rahman Daud</td>
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</tbody>
</table>

Operating Hours: Mon to Fri: 9.30 am to 6.00 pm
Closed on Saturdays, Sundays and Public Holidays

NOTE

The submission form for comments can be downloaded at:
http://www.spring.gov.sg/public_comments

Closing date for comments: 3 February 2017
B) **Notification of New Work Items**

New Work Items (NWIs) are approved proposals to develop new Singapore Standards or Technical References (pre-standards). The NWIs are work-in-progress and drafts are not available at this juncture.

Members of the public are invited to comment on the scope of the new standard and contents that can be included into the following proposals. They are also invited to join as standards partners, resource members or co-opted members subject to the approval of relevant committees and working groups.

**Biomedical**


This standard specifies a preservation efficacy test and a procedure for evaluating the overall antimicrobial protection of a cosmetic product which is not considered low risk, based on a risk assessment described in ISO 29621, “Cosmetics – Microbiology – Guidelines for the risk assessment and identification of microbiologically low-risk products”. This standard provides a procedure for the interpretation of data generated by the preservation efficacy test or by the microbiological risk assessment, or both.

3. **Cosmetics – Microbiology – Microbiological testing of cosmetic products impregnated or coated onto an applicator** (Identical adoption of the upcoming ISO 21322)

This standard specifies general guidelines for enumeration and/or detection of the microorganisms present in cosmetic products impregnated or coated onto an applicator (e.g. wipes, sponges, facial masks, swab, liquid eye liner, etc) where sampling and microbiological influence of the applicator on the manufactured cosmetic product presents particular challenges in terms of microbiological testing.

Potential users of the standards on microbiological testing on cosmetics (items 2 and 3) may include manufacturers of cosmetic products, cosmetic testing laboratories and conformity assessment bodies.


This standard describes a method for the detection and quantification of N-nitrosodiethanolamine (NDELA) in cosmetics and raw materials used in cosmetics by high performance liquid chromatography (HPLC) coupled with post-column photolysis and derivatisation.

This method is not applicable to the detection and/or quantification of nitrosamines other than NDELA, or to the detection and/or quantification of NDELA in products other than cosmetics or raw materials used in cosmetics. If a product has the possibility of either NDELA contamination from the ingredients or NDELA formation by the composition of ingredients, the method will be applied for the testing of cosmetic products and is an alternative to ISO 15819.

This method is also not applicable to matrices containing oxidation dyes.

5. **Cosmetics – Analytical methods – Nitrosamines: Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC-MS-MS** (Identical adoption of ISO 15819:2014)

This standard describes a method for the detection and quantification of N-nitrosodiethanolamine (NDELA) in cosmetics and raw materials used in cosmetics.
This method is not applicable to the detection and/or quantification of nitrosamines other than NDELA or to the detection and/or quantification of NDELA in products other than cosmetics or raw materials used in cosmetics.

6. **Cosmetics – Analytical methods – Validation criteria for analytical results using chromatographic techniques** (Identical adoption of ISO 12787:2011)

This standard defines validation criteria with which analytical results obtained from the analysis of cosmetic products should comply in order to give confidence in performance, reliability and quality of the final result. It sets out an analytical approach that can be used by a single laboratory to carry out chromatographic analyses on a given sample, or samples.

Potential users of the standards on the analytical methods (items 4 to 6) may include laboratories in conformity assessment bodies and regulators.


This standard specifies an in vivo method for assessment of the UVA protection factor (UVAPF) of topical sunscreen products. This standard is applicable to cosmetics, drugs and other products intended to be topically applied to human skin, including any component able to absorb, reflect or scatter UV rays. It provides a basis for the evaluation of sunscreen products for the protection of human skin against UVA radiation from solar or other light sources.

8. **Determination of sunscreen UVA photoprotection in vitro** (Identical adoption of ISO 24443:2012)

This standard specifies an in vitro procedure to characterise the UVA protection of sunscreen products. Specifications are given to enable determination of the spectral absorbance characteristics of UVA protection in a reproducible manner. In order to determine relevant UVA protection parameters, the method has been created to provide a UV spectral absorbance curve from which a number of calculations and evaluations can be undertaken. Results from this measurement procedure can be used for other computations, as required by local regulatory authorities. These include calculation of the Ultraviolet-A protection factor (UVAPF) [correlating with in vivo UVAPF from the persistent pigment darkening (PPD) testing procedure], critical wavelength and UVA absorbance proportionality. These computations are optional and relate to local sunscreen product labelling requirements. This method relies on the use of in vivo SPF results for scaling the UV absorbance curve.

This standard is not applicable to powder products such as pressed powder and loose powder.

Potential users of the standards on sunscreen UVA (items 7 and 8) may include contract research organisations carrying out high performance research and clinical activities for the cosmetic industry.

To comment or to join in the development of standards, please write to: standards@spring.gov.sg.

Closing date for comments: **3 January 2017**

For more information on the public comment on standards, please contact Mrs Kay Chua, Senior Manager at Tel: (65) 6279 1804 or Email: kay_chua@spring.gov.sg.
Frequently asked questions about public comment on Singapore Standards:

1. **What is public comment?**

   Singapore Standards are established based on an open system which is also in accordance with the World Trade Organisation requirements. These documents are issued as part of a consultation process before any standards are introduced or reviewed. This important stage in the development of Singapore Standards is the Public Comment period. This mechanism helps industry, companies and other stakeholders be aware of forthcoming changes to Singapore Standards and provide them with an opportunity to influence, before their publication, the standards that have been developed by their industry and for their industry.

2. **How does public comment benefit me?**

   This mechanism:
   
   - ensures that your views are considered and gives you the opportunity to influence the content of the standards in your area of expertise and in your industry;
   - enables you to be familiar with the content of the standards before they are published and you stand to gain a competitive advantage with this prior knowledge of the standards.

3. **Why do I have to pay for the standards which are proposed for review or withdrawal?**

   These standards are available for **free viewing** at Toppan Leefung Pte Ltd and the National Library Board at the addresses given above. However, the normal price of the standard will be charged for those who wish to purchase a copy. At the stage where we propose to review or withdraw the standards, the standards are still current and in use. We seek comments for these standards so as to:
   
   - provide an opportunity for the industry to provide inputs for the review of the standard that would make the standard suitable for the industry’s use,
   - provide feedback on the continued need for the standard so that it will not be withdrawn,

4. **What happens after I have submitted my comments?**

   The comments will be channelled to the relevant standards committee for consideration and you will be informed of the outcome of the committee's decision and you may be invited to meet the committee if clarification is required on your feedback.

5. **Can I view drafts after the public comment period?**

   Drafts will not be available after the public comment period.

6. **How do I request for a new standard?**

   You can inform us of your standardisation needs by completing the Proposal Form at [Apply for a Standard](#).