TEST REPORT

NUMBER: LECH00346201E

APPLICANT: Suck UK Limited
31 Regent Studios
8 Andrews Road
London
E8 4QN

DATE: 13th January 2014

For the attention of Emma

SAMPLE DESCRIPTION: Bottlelight device

REFERENCE / STYLE NO.: SK LIGHTBOTTLE1

RETAILER: Not specified

SAMPLE RECEIVED: 24th December 2013, BoM received 7th January 2014

PURCHASE ORDER: Not specified

TEST REQUEST: Risk Assessment for REACH SVHC (Candidate List of 151 chemicals last updated December 2013)

CONCLUSION: Overall assessment of item shows a low risk of SVHC’s.
TEST REPORT

NUMBER: LECH00346201E

REACH SVHC Screening (Candidate List of 151 chemicals last updated December 2013)

Sample Description: Bottle-light – a USB charging, LED with cork ring to light inside empty bottles

Component Parts

<table>
<thead>
<tr>
<th>No.</th>
<th>Component part</th>
<th>Material/Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Battery</td>
<td>Polymer 401120 50 MAH</td>
</tr>
<tr>
<td>2</td>
<td>Wire</td>
<td>Not specified outlet cable length 20MM (CE+RoHS)</td>
</tr>
<tr>
<td>3</td>
<td>Electronic components, assorted</td>
<td>No single material of construction – all listed as being RoHS complaint</td>
</tr>
<tr>
<td>4</td>
<td>Male USB</td>
<td>White Not specified</td>
</tr>
<tr>
<td>5</td>
<td>Case</td>
<td>Apple white matt ABS</td>
</tr>
<tr>
<td>6</td>
<td>Cork ring</td>
<td>Brown Cork wood</td>
</tr>
</tbody>
</table>

Risk Assessment for presence of SVHC material according to current state of knowledge.

1. Inorganic Substances
   1.1 Heavy Metals
   Heavy metals are restricted only when present as substances or preparations.
   None of the components as listed above appear to present a major risk of having any of the restricted heavy metal preparations present.

   Item 1
   Restrictions exist for the heavy metal content of button cells, batteries and accumulators, but this is addressed under the Batteries and Accumulators Directive, 2006/66/EC

   1.2 Chromium VI
   None of the metallic items (parts 1-4) have the appearance of being Chrome VI treated.

2. Organic substances in %
   2.1 Item 2
   The wire sheathing could also be rated high risk due to being of unspecified polymer type – the most insulator used for wires is PVC and this is a very common place to find phthalates. However, as the wires are so short and the insulation such a low percent of the overall item, it is considered to present a low risk.

   Item 5
   ABS is typically low risk of finding phthalates within.

   2.2 Item 3, Flame retardant
   The risk of finding flame retardant in the actual PCB itself, or the components is considered to be "medium". However, there is by mass of components and circuitry, less than half the total item within the device, so the overall risk is thought to be low. RoHS restricts different flame retardants to SVHC list, and those on the SVHC list are rarely incorporated into electronics.
3. Ceramic fibres
None of the items listed appear to contain any ceramic fibres – all present low risk.

4. Recommendation
This assessment has been performed using our current knowledge state and the information provided.

Assessment of risk is a subjective skill and may change depending on the assessor or extent of the assessors' knowledge of the materials under consideration. The extent of these variations has been addressed by consulting widely across different personnel to bring balance to the recommendations.

Date of Assessment: 9-10th January 2014
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