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Test report No. FUHLCP2017-01426

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General note: Copying this test report partially is permitted only in agreement with the contracted lab. The tests results refer only to the tested item.
This report consists of 4 pages.

Remark: The sample quantities of yarns and labels are usually insufficient for testing. So it might happen that positive results could not be detected. If this is not acceptable for the client, these parts shall be provided in adequate amounts (minimum 5 –10 g).
The test method signed with * is not listed in the attachment of the accreditation certificate.

Sample description: Menstrual cups



| No. | Tested components |
|-----|------------------------------|
| 1 | Menstrual cup Classic purple |
| 2 | Menstrual cup Soft purple |
| 3 | Menstrual cup Tulip purple |

Comment:

n.d. = not determinable
CS = combined sample

Selected risk substances according to SVHC Candidate list dated 12th of January 2017 Test results in %

Test method: Phthalate: 12.01.02.04 (2016-07); SCCP: 12.01.03.01 (2016-07); NP: 12.01.13.01 (2016-12)
Other parameters: Extraction with organic solvent, measurement GC/MS*
Limit of quantification (LOQ): see table

| Substance name | LOQ | CAS-No. | CS 1+2+3 |
|--|-------|------------|----------|
| Diisobutylphthalate (DIBP) | 0.02% | 84-69-5 | n.d. |
| Dibutylphthalate (DBP) | 0.02% | 84-74-2 | n.d. |
| Benzylbutylphthalate (BBP) | 0.02% | 85-68-7 | n.d. |
| Bis(2-ethylhexyl)phthalate (DEHP) | 0.02% | 117-81-7 | n.d. |
| 4-Nonylphenol, branched and linear | 0.02% | various | n.d. |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) | 0.02% | 25973-55-1 | n.d. |
| 2-benzotriazol-2-yl-4,6di-tertbutylphenol (UV-320) | 0.02% | 3846-71-7 | n.d. |
| 2,4-di-tert-butyl-6- (5-chloro benzotriazol-2-yl) phenol (UV-327) | 0.02% | 3864-99-1 | n.d. |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) | 0,02% | 36437-37-3 | n.d. |
| Bisphenol A | 0,02% | 80-05-7 | n.d. |
| Short chain chloroparaffins C ₁₀ -C ₁₃ (SCCP) | 0.02% | 85535-84-8 | n.d. |

Tin Organic Compounds in µg/kg

Test method: DIN EN ISO 17353 (2005-11) mod.
LOQ = Limit of quantification in µg/kg

| Substance name | Abbrev. | CAS-No. | LOQ | CS 1+2+3 |
|--------------------|---------|-----------|-----|----------|
| Monobutyl tin | MBT | various | 10 | n.d. |
| Dibutyl tin | DBT | various | 10 | n.d. |
| Tributyl tin | TBT | various | 10 | n.d. |
| Tetrabutyl tin | TeBT | 1461-25-2 | 10 | n.d. |
| Mono-octyl tin | MOT | various | 10 | n.d. |
| Di-octyl tin | DOT | various | 10 | n.d. |
| Tri-cyclohexyl tin | TCHT | various | 200 | n.d. |

Lead and Cadmium after total digestion in mg/kg

Test method: EDXRF*
Limit of quantification: Lead 20 mg/kg, Cadmium 30 mg/kg

| Substance name | CAS No. | No. 1 | No. 2 | No. 3 |
|----------------|-----------|-------|-------|-------|
| Cadmium | 7440-43-9 | n.d. | n.d. | n.d. |
| Lead | 7439-92-1 | n.d. | n.d. | n.d. |

Polycyclic aromatic hydrocarbons according to US-EPA + 2 EFSA PAH in mg/kg

Test method: AfPS GS 2014:01 (2014-08)

Limit of quantification: 0.2 mg/kg

| Substance name | CAS-No | CS 1+2+3 |
|--|------------------------|----------|
| 1 Naphthalene | 91-20-3 | n.d. |
| 2 Acenaphthylene | 208-96-8 | n.d. |
| 3 Acenaphthen | 83-32-9 | n.d. |
| 4 Fluorene | 86-73-7 | n.d. |
| 5 Phenanthrene | 85-01-8 | n.d. |
| 6 Anthracene | 120-12-7 | n.d. |
| 7 Fluoranthene | 206-44-0 | n.d. |
| 8 Pyrene | 129-00-0 | n.d. |
| 9 Benzo(a)anthracene | 56-55-3 | n.d. |
| 10 Chrysene | 218-01-9 | n.d. |
| 11 Benzo(b)fluoranthene + 12 Benzo(j)fluoranthene | 205-99-2 + 205-82-3 | n.d. |
| 13 Benzo(k)fluoranthene | 207-08-9 | n.d. |
| 14 Benzo(a)pyrene | 50-32-8 | n.d. |
| 15 Indeno(1,2,3-cd)pyrene | 193-39-5 | n.d. |
| 16 Dibenzo(a,h)anthracene | 53-70-3 | n.d. |
| 17 Benzo(ghi)perylene | 191-24-2 | n.d. |
| 18 Benzo(e)pyrene | 192-97-2 | n.d. |
| sum | | n.d. |

Assessment criteria

| Parameter | Legal Limit | GS-symbol-concession according to AfPS GS 2014:01 PAH | | |
|--|---|---|--|---|
| | | category 1 | category 2 | category 3 |
| | Materials which come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use | Materials intended to be put in the mouth, or materials of toys with intended long-term skin contact (longer than 30 seconds) | Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or repeated short-term skin contact | Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact) |
| | Valid from 27th December 2015 | Valid from 1st July 2015 | Valid from 1st July 2015 ¹⁾ | Valid from 1st July 2015 ¹⁾ |
| Naphthalene | - | < 1 mg/kg | < 2 mg/kg | < 10 mg/kg |
| Acenaphthylene Acenaphthene Fluorene Phenanthrene Pyrene Anthracene Fluoranthene | - | < 1 mg/kg Sum | < 10 mg/kg Sum | < 50 mg/kg Sum |
| Benzo (a) pyrene | < 1 mg/kg | < 0.2 mg/kg | < 0.5 mg/kg | < 1 mg/kg |
| Benzo (e) pyrene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (j) fluoranthene Benzo (k) fluoranthene Chrysene Dibenzo (a,h) anthracene | < 1 mg/kg each | < 0.2 mg/kg each | < 0.5 mg/kg each | < 1 mg/kg each |
| Benzo (g,h,i) perylene Indeno (1,2,3-cd) pyrene | - | | | |
| sum 18 PAH (EPA) mg/kg | - | < 1 mg/kg | < 10 mg/kg | < 50 mg/kg |
| Conclusion | pass | -- | pass | -- |

¹⁾ Only for products in the scope of ProdSG; for toys in the scope of 2009/48/EC other limits apply

Conclusion:

The sample was tested for the most likely expectable SVHC only. None of the analysed SVHC were detected in a concentration $>0.1\%$. In all probability the item contains no SVHC $>0.1\%$ and thus no obligations according to article 33 of the REACH-regulation would arise.

The tested sample is classified as marketable with regard to the examined parameters.

For PAH conclusion see schedule above.

Intertek Consumer Goods GmbH



Sachverständige / Technical Expert
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