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1 Global Chemical Inventory Status

Chemical inventory status of TEGO® Glide A 116, or its intentional ingredient(s) respectively:

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>all components are listed on EINECS</td>
</tr>
<tr>
<td></td>
<td>please also note REACH Information</td>
</tr>
<tr>
<td>USA</td>
<td>all components are listed on TSCA</td>
</tr>
<tr>
<td>Canada</td>
<td>all components are listed on DSL</td>
</tr>
<tr>
<td>Japan</td>
<td>all components are listed on ENCS</td>
</tr>
<tr>
<td>Australia</td>
<td>all components are listed on AICS</td>
</tr>
<tr>
<td>South Korea</td>
<td>all components are listed on ECL</td>
</tr>
<tr>
<td>Philippines</td>
<td>all components are listed on PICCS</td>
</tr>
<tr>
<td>China</td>
<td>all components are listed on IECSC</td>
</tr>
<tr>
<td>Taiwan</td>
<td>all components are listed on TCSI</td>
</tr>
<tr>
<td>New Zealand</td>
<td>all components are listed on NZIoC</td>
</tr>
</tbody>
</table>

2 Food Contact Status

2.1 Regulation (EU) No 10/2011

The components are listed in EU-Regulation 10/2011 on plastic materials and articles intended to come into contact with food and its amendments.

Please note that some of the components do not have any SML or restriction/ specification, while others do.

2.2 BfR Recommendations

The components are listed in Bfr Recommendation XIV (polymer dispersions).

2.3 Swiss Ordinance (SR 817.023.21)

The product is in compliance with the “Ordinance of the FDHA on Materials and Articles (SR 817.023.21)” – status 1 April 2013. All components (additives and / or monomers) are listed in Annex 6 in the lists for evaluated (A) substances.
Please note that some of the components do not have any SML or restriction/specification, while others do.

Finished food contact materials or articles containing this product as a component, need to comply inter alia with Overall Migration Limit (OML) requirements. Verification of compliance with migration limits (OML and SML) should be carried out in accordance with the rules laid down there. We would like to point out that it is in the sole responsibility of the manufacturer of the final material or article to assure the compliance with the OML requirements under actual and foreseeable conditions of use, and to check it on a regular basis. The manufacturer of food contact materials or articles, containing this product as a component, must in particular ascertain that these finished materials or articles meet the general regulatory requirement that they do not endanger human health, or bring about an unacceptable change in the composition of the food or deterioration in the organoleptic characteristics thereof.

All information are intended for persons having the required skill and know-how and do not relieve you from verifying the suitability of the information given for a specific purpose prior to use by testing, which should be carried out only by qualified experts. Use or application of such information is at your sole responsibility and risk, without any liability on the part of Evonik Resource Efficiency GmbH.

3 Further Regulatory Information refering to final materials or articles

3.1 2014/312/EU (EU Ecolabel for indoor and outdoor paints and varnishes)

The below listed chemicals are part of those substances restricted by 2014/312/EU. i

We do not expect the presence of the following substances within TEGO® Glide A 116 ii:

- VAH (volatile aromatic hydrocarbon)
- APEOs (alkylphenolethoxylates)
- PFAS (perfluorinated alkyl sulfonates)
- PFCA (perfluorinated carboxylic acids)
- Formaldehyde
- Halogenated organic solvents
- IPBC (3-Iodo-2-propynyl-butyl-carbamate) (CAS 55406–53–6)
- N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (CAS 2372–82–9)
- Zinc oxide (CAS 1314–13–2)
- Crystalline silica and leucophyllite minerals containing crystalline silica
- Nanomaterials
- Isothiazolinone
- Zinc pyrithione (CAS 13463–41–7)
- Heavy metals (Cd, Pb, Cr VI, Hg, As, Ba, Se, Sb, Co) and their compounds
- Following phthalates:
  - DEHP (di-2-ethylhexyl phthalate) (CAS 117–81–7)
  - DBP (di-butyl phthalate) (CAS 84–74–2)
  - BBP (benzyl–butyl phthalate) (CAS 85–68–7)
  - DMEP (Bis-(2-methoxyethyl) phthalate) (CAS 117–82–8)
  - DIBP (Diisobutylphthalate) (CAS 84–69–5)
- DIHP (Di-C6–8-branched alkylphthalates)
- DHNUP (Di-C7–11-branched alkylphthalates)
- DHP (Di-n-hexylphthalate) (CAS 84–75–3)

(S)VOC content is available under Additional Information.

For information regarding classification and labelling of TEGO® Glide A 116 as well as for information regarding hazardous components please refer to chapter 2 respectively 3 of our Safety Data Sheet. iii

Please note that TEGO® Glide A 116 can contain further substances which could lead to restrictions according to 2014/312/EU. You are welcome to contact us for more detailed information.


We do not expect the presence of substances mentioned in Directive 2011/65/EC amended through Directive (EU) 2015/863 in amounts exceeding the respective limits within this product. ii

3.3 DIN EN 71–3: 2013 (safety of toys)

We do not expect the presence of substances mentioned in DIN EN 71–3: 2013 in amounts exceeding the respective limits within this product. ii


We do not expect the presence of substances mentioned in Council Directive 94/62/EC in amounts exceeding the respective limits within this product. ii

3.5 Coalition of Northeastern Governors (CONEG)

We do not expect the presence of substances defined as Toxics in Packaging by CONEG in amounts exceeding the respective limits within this product. ii

3.6 Green Seal™ Standard

The below listed chemicals are part of those substances restricted by GS–11 (Green Seal™ Standard for Paints and Coatings) – third edition. i

We do not expect the presence of the following substances within TEGO® Glide A 116 ii:

- HAP (hazard air pollutant) according U.S. EPA Clean Air Act Section 112(b)(1)
- Ozone–Depleting Substances according U.S. EPA list, Class I and Class II
- 1,2–dichlorobenzene (CAS 95–50–1)
- APEO (alkylphenolethoxylates)
- Formaldehyde–donors
- Heavy metals (Cd, Pb, Cr VI, Hg, Sb) and their compounds
- Phthalates (esters of phthalic acid)
- Triphenyl tins
- Tributyl tins
- Volatile aromatic compounds

VOC content is available under Additional Information.
For information regarding hazardous components defined to be carcinogens, mutagens or reproductive toxins please refer to chapter 3, 11 and 15 of our US-Safety Data Sheet.

Please note that all aforementioned regulations, directives and standards refer to final materials or articles. Verification of compliance with the mentioned regulations, directives or standards should be carried out in accordance with the rules laid down there. We would like to point out that it is in the sole responsibility of the manufacturer of the final material or article to assure the compliance with the mentioned regulations, directives or standards.

4 REACH Information

4.1 (Pre-) Registration

Many of our products are either polymers or mixtures consisting of substances/polymers we manufacture or which are blended in. You can be sure that we are aware of our obligations, which also include the communication to our suppliers concerning the purchased substances and monomers in order to secure that further marketing of the affected products is allowed in compliance with REACH.

Since polymers are exempted from registration under REACH and the substances of a mixture often are subject to different registration deadlines, a general statement concerning registration status of a product can currently not be made.

4.2 SVHC (Substances of Very High Concern)

We as a supplier of substances or mixtures are obliged to provide a Safety Data Sheet which includes information if the product contains a Substance of Very High Concern in reportable amounts according to REACH. Since the Candidate List of Substances of Very High Concern for Authorization is regularly updated by ECHA (European Chemicals Agency), we would like to ask you to check our newest Safety Data Sheet which will be updated according to the legal obligations.

5 Additional Information

5.1 VOC content

Determination via DIN EN ISO 11890/2: approximately 27 g/l

Please note that the amount of volatile organic components is not part of our product specification.

5.2 SVOC content

Determination via DIN EN ISO 11890/2: approximately 51 g/l

Please note that the amount of semi volatile organic components is not part of our product specification.
5.3 California Proposition 65 (August 21, 2015)

We do not expect the presence of any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects within this product.

5.4 Diverse substances

We do not expect the presence of the following substances within TEGO® Glide A 116:

- Halogenated hydro carbons (Group 1–9 according Regulation (EC) No 1005/2009 (substances that deplete the ozone layer) – status September 2009)
- Photo-initiators
- Bisphenol A (CAS 80–05–7)
- BADGE (Bisphenol A-diglycidylether) (CAS 1675–54–3)
- Biocides which separate Formaldehyde
- Acetaldehyde (CAS 75–07–0)
- Tetrachloroethylene (CAS 127–18–4)
- Isocyanate
- Melamine (CAS 108–78–1)
- Aromatic amines
- DMF (dimethylformamide) (CAS 68–12–2)
- NMP (N–methyl–2–pyrrolidone) (CAS 872–50–4)
- Components derived from animals
- Components derived from genetically modified organisms (GMO)
- Mineral oil
- PAH (polycyclic aromatic hydrocarbons)
- Following glycol ethers:
  - EGBE (ethylene glycol butyl ether) (CAS 111–76–2)
  - EGME (ethylene glycol methyl ether) (CAS 109–86–4)
  - EGEE (ethylene glycol ethyl ether) (CAS 110–80–5)
  - EGMEA (ethylene glycol methyl ether acetate) (CAS 110–49–6)
  - EGEEA (ethylene glycol ethyl ether acetate) (CAS 111–15–9)
  - EGDM (ethylene glycol di–methyl ether) (CAS 110–71–4)
  - DEGDME (di–ethylene glycol di–methyl ether) (CAS 111–96–6)
  - DEGE (di–ethylene glycol methyl ether) (CAS 111–77–3)
  - TEGDME (tri–ethylene glycol di–methyl ether) (CAS 112–49–2)
- Following acrylates:
  - BDDA (butanediol diacrylate) (CAS 1070–70–8)
  - DEGDA (diethylene glycol diacrylate) (CAS 4074–88–8)
  - 2EHA (2–ethyl hexy acrylate) (CAS 103–11–7)
  - IDA (iso decyl acrylate) (CAS 1330–61–6)
  - OD 1 (octyl acrylate) (CAS 2499–59–4)
  - Phenol acrylate (CAS 937–41–7)
  - Phenoxy ethyl acrylate (CAS 48145–04–6)
  - HDDA (1,6 Hexanediol diacrylate) (CAS 13048–33–4)
  - PETA (mixtures of pentaerythritol tri- and tetra–acrylates) (CAS 3524–68–3)
  - TEGDA (tetracyclene glycol diacrylate) (CAS 17831–71–9)
  - TMPTA (trimethylol propane triacrylate) (CAS 15625–89–5)
  - DPGDA (dipropylene glycol diacrylate) (CAS 57472–68–1)
- Following aromatic compounds:
  - Benzene (CAS 71-43-2)
  - Ethylbenzene (CAS 100-41-4)
  - Toluene (CAS 108-88-3)
  - Xylene (CAS 1330-20-7)
  - Styrene (CAS 100-42-5)
  - 1,2,4-Trimethylbenzene (CAS 95-63-6)
  - 1,4-Dichlorobenzene (CAS 106-46-7)
Please refer only to the mentioned substances. For further information concerning substances possibly not listed in this statement please do not hesitate to contact us.

The information given above represents our current compositional knowledge (based on the knowledge of the production process, supplier information for raw materials and analytical data where applicable). Please note that Evonik Resource Efficiency GmbH does not analyse whether the mentioned substances are contained in our TEGO® Glide A 116, because the content of such substances is not part of our product specification respectively formulation. Therefore in particular no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied with respect to the concentration, if any, to any given limit of such substances in our TEGO® Glide A 116.

TEGO® Glide A 116 is made of raw materials of technical purity. Therefore negligible amounts on the level of natural / technical impurities cannot be excluded.

You can find most of our Safety Data Sheets which are updated according to the legal obligations on the TEGO® homepage:


This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

In case of any questions concerning the provided information or if you need additional advice you are very welcome to contact us:
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