October 18, 2024

TEGO® Phobe 1659

Raw material statement for paints and varnishes applications based on Commission Decision EU Ecolabel 2014/312/EU

Function
Silicone resin hydrophobing agent

Physical / Chemical properties
Please refer to our Technical Data Sheet as well as our Safety Data Sheet concerning relevant physical & chemical characteristics.

Criteria in Article 57 of the REACH Regulation & SVHC substances
Please refer to Regulatory Data Sheet and EU-SDS on our homepage:
https://www.coatino.com/en/product-list

Content of hazardous components
TEGO® Phobe 1659 contains the following dangerous ingredients above 0.01% according to Regulation (EC) No. 1272/2008 [CLP] which are subject to restrictions according to Ecolabel (2014/312/EU) because of their GHS classification and the Substances of Very High Concern at a concentration of higher than 0.10% (if applicable):

Chemical Name	CAS-No.	Content %	Classification	Remark
Ethanol (Ethyl alcohol)*	64-17-5	>= 1 - < 5.0	H225, 2 Flam. Liq. H319, 2 Eye Irrit.	impurity
Confidential**	conf.	<0.8	H318, 1 Eye Dam. H412, 3 Aquatic Chr.	surfactant
Confidential**	conf.	< 0.6	H318, 1 Eye Dam. H411, 2 Aquatic Chr.	surfactant
Confidential	conf.	approx. 0.06	H226, 3 Flam. Liq. H302, 4 Acuten Tox. H314, 1B Skin Corr. H318, 1 Eye dam. H317, 1 Skin Sens.	katalyst
Octamethylcyclotetra siloxane (impurity)	556-67-2	<0.06	H226, 3 Flam. Liq. H361f, 2 Repr. H410, 1 Aquatic Chr.	listed as SVHC
1,2-benzisothiazol-3(2H)-one	2634-33-5	0.0180	H302, 4 Acute Tox. H330, 2 Acute Tox. H315, 2 Skin Irrit. H318, 1 Eye Dam.	biocide

			H317, 1 Skin Sens. H400, 1 Aquatic Acute H411, 2 Aquatic Chr.	

*The substance classified as H225 & H319 is not subject to restrictions according to Ecolabel (2014/312/EU).

**The components are a surfactants. For the specified concentration limits of the surfactants please refer to the Appendix 4 (a) of *5(a)(i) Derogations applying to substance groups* of Ecolabel (2014/312/EU).

VOC (volatile organic compounds) - content

Determination via DIN EN ISO 11890/2: approx. 13 g/l

SVOC (semi-volatile organic compounds) - content

Determination via DIN EN ISO 11890/2: approx. 3 g/l

Absence of substances

We do not expect the presence of the following substances within TEGO® Phobe 1659:

- Isothiazolinone compounds:
  - 2-octyl-2H-isothiazol-3-one (OIT)
- 3-iodo-2-propynyl butylcarbamate (IPBC)
- Zinc pyrithione
- N-(3-aminopropyl)-N-dodécylpropane-1, 3-diamine
- Zinc oxide
- Alkylphenolethoxylates (APEOs) and theirs derivatives
- Long chain perfluorinated surfactants :
  - Perfluorocarboxylic acids
  - Perfluoroalkyl sulfonates
- Metals and their compounds: Cadmium, lead, chromium VI, mercury, arsenic, barium, selenium, antimony and cobalt
- Crystalline silica and leucophyllite minerals containing crystalline silica
- Phthalates:
  - DEHP (Bis-(2-ethylhexyl)-phthalate)
  - BBP (Butylbenzylphthalate)
  - DBP (Dibutylphthalate)
  - DMEP (Bis2-methoxyethyl) phthalate
  - DIBP (Diisobutylphthalate)
  - DIHP (Di-C6-8-branched alkyphthalates)
  - DHNUP (Di-C7-11-branched alkylphthalates)
  - DHP (Di-n-hexylphthalate)
- Adipic acid dihydrazide (ADH)
- Methanol
- Formaldehyde
- Volatile Aromatic Hydrocarbons
- Halogenated solvents
- Nanomaterials

Biocides

TEGO® Phobe 1659 contains the following biocides:

Substance	CAS-No.	Amount [%]
5-chloro-2-methyl-isothiazolin-3-one / 2-methyl-4-isothiazolin-3-one (CMI/MIT 3:1 mix)	55965-84-9	0.0013
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.0180
Sodiumpyrithione (Sodium 1-hydroxy-2(1H)-pyridinethionate)	3811-73-2	0.000035

The information given above is based on and 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 Operations GmbH does not analyse whether the mentioned substances are contained, because the content of such substances is not part of our product specification or formulation.

We use raw materials of technical purity, therefore negligible amounts on the level of natural / technical impurities cannot be excluded.

In case of provided values these are considered to be typical concentrations and are not part of the product specification.

All provided information is based on our present knowledge and experience and is true and complete to the best of our knowledge and belief. However, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied.

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

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