

TEGO® Phobe 1409

2014/312/EU

Function

Siloxane hydrophobing agent

Physical / Chemical properties

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

Content of hazardous components

TEGO® Phobe 1409 contains 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:

Chemical Name	CAS-No.	Content, %	Classification	Notes
3-Aminopropyl triethoxy silane	919-30-2	< 2.0	H302, 4 Acute Tox. H314, 1B Skin Corr. H318, 1 Eye Dam.	
Poly(oxy-1,2-ethanediyl), alpha-isotridecyl-omegahydroxy	9043-30-5	<2.0	H302, 4 Acute Tox. H318, 1 Eye Dam.	
Octamethylcyclotetra siloxane (impurity)	556-67-2	< 0.06	H226, 3 Flam. Liq. H361f, 2 Repr. H413, 4 Aquatic Chr.	listed as SVHC
Dodecamethylcyclohexa siloxane (impurity)	540-97-6	<0.05	-	listed as SVHC
Decamethylcyclopenta siloxane (impurity)	541-02-6	<0.05	-	listed as SVHC
1,2-benzisothiazol-3(2H)-one	2634-33-5	0.018	H302, 4 Acute Tox. H330, 2 Acute Tox. H315, 2 Skin Irrit. H318, 1 Eye Dam. H317, 1 Skin Sens. H400, 1 Aquatic Acute H411, 2 Aquatic Chr.	biocide

Please note that substances classified as H302, H314, H318 are not subject to any restrictions according to Ecolabel (2014/312/EU).

Absence of substances

We do not expect the presence of following substances within TEGO® Phobe 1409:

- Isothiazolinone compounds:
 - 2-octyl-2H-isothiazol-3-one (OIT)
- 3-iodo-2-propynyl butylcarbamate (IPBC)
- N-(3-aminopropyl)-N-dodécylpropane-1, 3-diamine
- Zinc oxide
- Alkylphenoethoxylates (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 alkylphthalates)
 - DHNUP (Di-C7-11-branched alkylphthalates)
 - DHP (Di-n-hexylphthalate)
- Volatile Aromatic Hydrocarbons
- Nanomaterials
- Formaldehyde
- Halogenated solvents
- Adipic acid dihydrazide (ADH)
- Methanol

Biocides

Please note that TEGO® Phobe 1409 contains 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	0.00130
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.01800
2-Pyridinethiol, 1-oxide, sodium salt (1:1)	3811-73-2	0.00035

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. 3.5 g/l

REACH / SVHC

Please refer to Regulatory Data Sheet and EU-SDS on our homepage:

<https://www.coatino.com/en/product-list>

The information given above are 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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