

TEGO® Airex 902 W

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

Function

Defoamer and deaerator for waterborne formulations

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® Airex 902 W 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 & Substances of Very High Concern at a concentration of higher than 0.10 % (if applicable):

Chemical Name	CAS-No.	Content, %	Classification	Notes
Octadecan-1-ol, ethoxylated, < 2.5 EO*	9005-00-9	approx. 2.0	H411, 2 Aquat. Chr.	surfactant
Octamethylcyclotetrasiloxane (impurity)	556-67-2	approx. 0.04	H226, 3 Flam. Liq. H361f, 2 Repr. H410, 1 Aquatic Chr.	listed as SVHC
2-Pyridinethiol, 1-oxide, sodium salt (1:1)	3811-73-2	approx. 0.0352	H302, 4 Acute Tox. oral H311, 3 Acute Tox. H331, 3 Acute Tox. H315, 2 Skin Irrit. H317, 1 Skin Sens. H319, 2 Eye Irrit. H372, 1 STOT RE H400, 1 Aquatic Acute H411, 2 Aquatic Chr.	biocide
1,2-benzisothiazol-3(2H)-one	2634-33-5	approx. 0.01	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 this component is a surfactant. 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).

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>

Absence of substances

We do not expect the presence of the following substances within TEGO® Airex 902 W:

- Isothiazolinone compounds:
 - 2-methyl-2H-isothiazol-3-one (MIT)
 - 2-octyl-2H-isothiazol-3-one (OIT)
 - 5-chloro-2-methyl-isothiazolin-3-one/2-methyl-4-isothiazolin-3-one (CMI/MIT mix)
- 3-iodo-2-propynyl butylcarbamate (IPBC)
- N-(3-aminopropyl)-N-dodécylpropane-1, 3-diamine
- Zinc oxide
- Alkylphenoethoxylates (APEOs) and their 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 (Bis(2-methoxyethyl) phthalate)
 - DIBP (Diisobutylphthalate)
 - DIHP (Di-C6-8-branched alkylphthalates)
 - DHNUP (Di-C7-11-branched alkylphthalates)
 - DHP (Di-n-hexylphthalate)
- Volatile Aromatic Hydrocarbons
- Formaldehyde
- Halogenated solvents
- Adipic acid dihydrazide (ADH)
- Methanol

Nanomaterials

During the production of TEGO® Airex 902 W we use approx. 0.6% of fumed silica (synthetic amorphous silica), which meets the definition of nanomaterials set out in the commission recommendation on the definition of nanomaterials of 10th June, 2022 (2022/C 229/01) (in powder form). This ingredient is not a hazardous substance according to Regulation (EC) No. 1272/2008 [CLP].

Biocides

Please note that TEGO® Airex 902 W contains the following biocides:

Substance	CAS-No.	Amount [%]
2-Pyridinethiol, 1-oxide, sodium salt (1:1)	3811-73-2	0.0352
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.0088

VOC (volatile organic compounds) – content

Determination via DIN EN ISO 11890/2: approx. 6 g/l

SVOC (semi volatile organic compounds) – content

Determination via DIN EN ISO 11890/2: approx. 8 g/l

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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