

# TEGO® Variplus DS 50

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

## Function

Film enhancer

## 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® Variplus DS 50 including all intentionally added ingredients present at a concentration of greater than 0.01%, does not contain dangerous substances according to Regulation (EC) No. 1272/2008 [CLP] and as interpreted according to the hazard statements and risk phrases listed in table 5 of 2014/312/EU) and the Substances of Very High Concern at a concentration of higher than 0.10%.

## 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>

## VOC (volatile organic compounds) – content

Determination via DIN EN ISO 11890/2: approx. 19 g/l

## SVOC (semi volatile organic compounds) – content

Determination via DIN EN ISO 11890/2: approx. 50 g/l

## Absence of substances

We do not expect the presence of the following substances within TEGO® Variplus DS 50:

- Isothiazolinone compounds:
  - 2-methyl-2H-isothiazol-3-one (MIT)
  - 1,2-benzisothiazol-3(2H)-one (BIT)
  - 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)
- Zinc pyrithione

- 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
- Halogenated solvents
- Adipic acid dihydrazide (ADH)
- Methanol
- Nanomaterials

### **Formaldehyde**

TEGO® Variplus DS 50 may contain < 1 ppm of formaldehyde as residual impurity (photometricly determined).

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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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