

October 2, 2019

TEGO® Glide 450

2014/312/EU

Function

Slip and flow additive

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® Glide 450 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
Dodecamethylcyclohexasiloxane (Impurity of raw material)	540-97-6	<0.1	-	listed as SVHC
Decamethylcyclopentasiloxane (Impurity of raw material)	541-02-6	<0.1	-	listed as SVHC
Cyclotetrasiloxane,2,2,4,4,6,6,8,8-octamethyl- (impurity of raw material)	556-67-2	<0.1	H226, 3 , Flam. Liq. H361f, 2 , Repr. H413, 4 , Aquatic Chronic	listed as SVHC
Confidential	Conf.	approx. 0.05	H319, 2 Eye Irrit. H412, 3 Aquatic Chronic	

Absence of substances

We do not expect the presence of following substances within TEGO® Glide 450:

- Isothiazolinone compounds:
 - 2-methyl-2H-isothiazol-3-one (MIT)
 - 1,2-benzisothiazol-2(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)
- 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
- Halogenated solvents
- Nanomaterials
- Adipic acid dihydrazide (ADH)
- Methanol

Formaldehyde

The formaldehyde content, determined on the measurement method Vdl.RL 03, we would like to declare for TEGO® Glide 450 with 1.1 ppm.

PBT (Persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative)

TEGO® Glide 450 does not contains PBT / vPvB substances according to criteria in annex XIII in REACH above 0.1%

VOC (volatile organic compounds) – content

Determination via DIN EN ISO 11890/2: approx. 1.5 g/l

SVOC (semi volatile organic compounds) – content

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

REACH / SVHC

Please refer to our additional statements.

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 Resource Efficiency 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:

Evonik Resource Efficiency GmbH
Goldschmidtstraße 100
45127 Essen
Germany
www.evonik.de
www.coating-additives.com

Please contact for region Europe, Middle East, Russia and Afrika
regulatory-coating-additives-europe@evonik.com

Please contact for region Americas
regulatory-coating-additives-americas@evonik.com

Please contact for region Asia, Australia and New Zealand
regulatory-coating-additives-asia@evonik.com