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GLOBAL CHEMICAL INVENTORIES & PRODUCT REGISTERS

Chemical inventory status

Country	Status
Europe	all components are listed on EINECS or ELINCS Product is a mixture, which contain polymer(s); all REACH-relevant components like substances, monomers and reactants of polymer(s) have been registered *
USA	all components are listed and have been notified as being "Active" under the requirements of the TSCA Inventory Reset
Canada	all components are listed on DSL or NDSL
Japan	one or more component(s) are not listed on ENCS (MITI) currently no information is available for ISHL
Australia	one or more component(s) are not listed on AICS
South Korea	all component(s) are listed on ECL and are pre-notified (For some designated importers only)
Philippines	components are exempted polymer(s) or are listed on PICCS
China	all components are listed on IECSC
Taiwan	all components are listed on TCSI
New Zealand	all components are listed on NZIoC and/or are exempted from registration (non hazardous)
Turkey	all components are pre-registered in KKDIK
Vietnam	one or more component(s) are not registered in 3rd draft version of NCI

*) In order to avoid any conflicts with REACH, please make sure that you will be supplied in the future with material manufactured within the European Economic Area (EEA) or imported into the EEA by Evonik Resource Efficiency GmbH in close cooperation with your European Evonik Resource Efficiency supplier contact. In case you purchase this product from outside of EEA and plan to import this to EEA, please be aware of your duties according to REACH regulation.

Scandinavian Product Register

For registration request please contact us.

Spanish Poison Center (INTCF)

For registration request please contact us.

FOOD CONTACT STATUS

Finished food contact materials or articles containing this product as a component, need to comply inter alia with Overall Migration Limit (OML) requirements – as specified in the regulations. Verification of compliance with migration limits (OML and SML) should be carried out in accordance with the rules laid down there. We would like to point out that it is in the sole responsibility of the manufacturer of the final material or article to assure the compliance with the OML/SML requirements under actual and foreseeable conditions of use, and to check it on a regular basis. The manufacturer of food contact materials or articles, containing this product as a component, must in particular ascertain that these finished materials or articles meet the general regulatory requirement that they do not endanger human health, or bring about an unacceptable change in the composition of the food or deterioration in the organoleptic characteristics thereof.

All information are intended for persons having the required skill and know-how and do not relieve you from verifying the suitability of the information given for a specific purpose prior to use by testing, which should be carried out only by qualified experts. Use or application of such information is at your sole responsibility and risk, without any liability on the part of Evonik Resource Efficiency GmbH.

Regulation (EU) 10/2011

SILIKOFTAL® HTL 1 as an additive is not in compliance with EU-Regulation 10/2011 on plastic materials and articles intended to come into contact with food and its amendments, as some components are not included in the Union List as such.

BfR Recommendations

The components of SILIKOFTAL® HTL 1 are not in compliance with BfR-Recommendation XIV (polymer dispersions).

Detailed information regarding BfR XV is available on request.

Swiss Ordinance (SR 817.023.21)

SILIKOFTAL® HTL 1 is not in compliance with the “Ordinance of the FDHA on Materials and Articles (SR 817.023.21)” - status 1 May 2017.

21 CFR FDA Regulations

SILIKOFTAL® HTL 1 can be used in compliance with the following section(s) and may be subject to any applicable limitations:

- 175-300

China National Food Safety Standard

Detailed information regarding China National Food Safety Standards are available on request.

FURTHER REGULATORY INFORMATION REFERRING TO FINAL MATERIALS OR ARTICLES

DIN EN 71-3 : 2013 (Safety of Toys: Migration of certain elements)

We do not expect the presence of substances mentioned in DIN EN 71-3: 2013 in amounts exceeding the respective limits within SILIKOFTAL® HTL 1.

US ASTM - F 693 (Safety of Toys)

SILIKOFTAL® HTL 1 has not been evaluated according to US ASTM - F 693.

Maine CHCC (Safety of Toys)

SILIKOFTAL® HTL 1 has not been evaluated according to Maine CHCC.

Vermont CHCC (Safety of Toys)

SILIKOFTAL® HTL 1 has not been evaluated according to Vermont CHCC.

Washington State CHCC (Safety of Toys)

SILIKOFTAL® HTL 1 has not been evaluated according to Washington State CHCC.

Directive 2011/65/EC (RoHS) amended through Directive (EU) 2015/863

We do not expect the presence of substances mentioned in Directive 2011/65/EC amended through Directive (EU) 2015/863 in amounts exceeding the respective limits within this product.

Council Directive 94/62/EC (packaging and packaging waste)

We do not expect the presence of substances mentioned in Council Directive 94/62/EC in amounts exceeding the respective limits within this product.

Coalition of North Eastern Governors (CONEG)

We do not expect the presence of substances mentioned in CONEG in amounts exceeding the respective limits within this product.

California Proposition 65

For information regarding the above mentioned regulation please refer to the US-MSDS under point 15.

ADDITIONAL INFORMATION

Biocides Content

Herewith we confirm that we do not use biocides for SILIKOFTAL® HTL 1 preservation.

SVHC substances

We as a supplier of chemical substances or mixtures thereof are obliged to provide our customers with a Safety Data Sheet which includes information, if the product contains dangerous substances in reportable amounts according to EU regulations.

ECHA (European Chemicals Agency) regularly updates its Candidate List of Substances of Very High Concern for Authorization. For information regarding hazardous components of products supplied to you, please refer to our newest EU Safety Data Sheet which will be updated according to the legal obligations.

Volatile Organic Compounds (VOC) / Semi-Volatile Organic Compounds (SVOC)

VOC (volatile organic compounds) - content

No data available

SVOC (semi-volatile organic compounds) - content

No data available

Diverse substances

Unless other stated under "Remarks" we do not expect the presence of the following substances within SILIKOFTAL® HTL 1:

Substance	Remarks
1,2-dichlorobenzene (CAS 95-50-1)	
Acetaldehyde (CAS 75-07-0)	
Acrylates:	
- BDDA (butanediol diacrylate) (CAS 1070-70-8)	
- DEGDA (diethylene glycol diacrylate) (CAS 4074-88-8)	
- 2EHA (2-ethyl hexyl acrylate) (CAS 103-11-7)	
- IDA (iso decyl acrylate) (CAS 1330-61-6)	
- ODA (octyl acrylate) (CAS 2499-59-4)	
- Phenol acrylate (CAS 937-41-7)	
- Phenoxy ethyl acrylate (CAS 48145-04-6)	
- HDDA (1,6 Hexanediol diacrylate) (CAS 13048-33-4)	
- PETA (mixtures of pentaerythritol tri- and tetra-acrylates) (CAS 3524-68-3)	
- TEGDA (tetraethylene glycol diacrylate) (CAS 17831-71-9)	
- TMPTA (trimethylol propane triacrylate) (CAS 15625-89-5)	
- DPGDA (dipropylene glycol diacrylate) (CAS 57472-68-1)	
Allergenic Fragrances (EG 1223/2009, Article 19)	
APEO (alkylphenolethoxylates)	
Primary aromatic amines	
Aromatic compounds:	
- Benzene (CAS 71-43-2)	
- BHA (Butylated hydroxyanisol) (CAS 25013-16-5)	
- BHT (Butylated hydroxytoluene) (CAS 128-37-0)	
- Ethylbenzene (CAS 100-41-4)	
- Toluene (CAS 108-88-3)	
- Xylene (CAS 1330-20-7)	
- Styrene (CAS 100-42-5)	
- 1,2,4-Trimethylbenzene (CAS 95-63-6)	
- 1,4-Dichlorobenzene (CAS 106-46-7)	
Asbestos	
Azo dyes	
BADGE (Bisphenol A-diglycidylether) (CAS 1675-54-3)	
Bisphenol A (CAS 80-05-7)	
Bisphenol F (CAS 620-92-8)	
Bisphenol S (CAS 80-09-1)	
Components derived from animals	
Components derived from plants	
Components derived from genetically modified organisms (GMO)	
Crystalline silica and leucophyllite minerals containing crystalline silica	
Cyanuric acid (CAS 108-80-5)	
DMF (dimethylformamide) (CAS 68-12-2)	
Ethanol (CAS 64-17-5)	
Food Allergens (EU Reg. 1169/2011)	
Formaldehyde (CAS 50-00-0)	

Glycol ethers:	
- EGBE (ethylene glycol butyl ether) (CAS 111-76-2)	
- EGME (ethylene glycol methyl ether) (CAS 109-86-4)	
- EGEE (ethylene glycol ethyl ether) (CAS 110-80-5)	
- EGMEA (ethylene glycol methyl ether acetate) (CAS 110-49-6)	
- EGEEA (ethylene glycol ethyl ether acetate) (CAS 111-15-9)	
- EGDME (ethylene glycol di-methyl ether) (CAS 110-71-4)	
- DEGDME (di-ethylene glycol di-methyl ether) (CAS 111-96-6)	
- DEGME (di-ethylene glycol methyl ether) (CAS 111-77-3)	
- TEGDME (tri-ethylene glycol di-methyl ether) (CAS 112-49-2)	
Halogenated hydro carbons (Group 1-9 according Regulation (EC) No 1005/2009 (substances that deplete the ozone layer) – status September 2009)	
Halogenated organic compounds	
HAP (hazard air pollutant) according U.S. EPA Clean Air Act Section 112(b)(1)	approx. 0.1 %
(Heavy) metals and their compounds	
- Aluminium	
- Antimony	
- Arsenic	
- Barium	
- Lead	
- Cadmium	
- Chromium (III)	
- Chromium (VI)	
- Mercury	
- Selenium	
- Boron	
- Cobalt	
- Copper	
- Manganese	
- Nickel	
- Strontium	
- Zinc	
- Tin	
- Tin organic	
IPBC (3-Iodo-2-propynyl-butyl-carbamate) (CAS 55406-53-6)	
Isocyanate	
Melamine (CAS 108-78-1)	
Mineral oil	
Nanomaterials	
N-(3-aminopropyl)-N-dodecylpropane-1, 3-diamine (CAS 2372-82-9)	
Natural rubber or dry rubber latex	
NMP (N-methyl-2-pyrrolidone) (CAS 872-50-4)	
Ozone-Depleting Substances according U.S. EPA list, Class I and Class II	
PAH (polycyclic aromatic hydrocarbons)	
PFAS (perfluorinated alkyl sulfonates)	
PFCA (perfluorinated carboxylic acids)	
Photo-initiators	

Phthalate compounds	
- DEHP (di-2-ethylhexyl phthalate) (CAS 117-81-7)	
- DBP (di-butyl phthalate) (CAS 84-74-2)	
- BBP (benzyl-butyl phthalate) (CAS 85-68-7)	
- DCHP (dicyclohexyl phthalate) (CAS 84-61-7)	
- DMEP (Bis-(2-methoxyethyl) phthalate) (CAS 117-82-8)	
- DIBP (Diisobutylphthalate) (CAS 84-69-5)	
- DIDP (diisodecyl phthalate) (CAS 26761-40-0)	
- DIHP (Di-C6-8-branched alkylphthalates)	
- DINP (2-diisononyl phthalate) (CAS 28553-12-0)	
- DHNUP (Di-C7-11-branched alkylphthalates)	
- DHP (Di-n-hexylphthalate) (CAS 84-75-3)	
- DNOP (di-n-octyl phthalate) (CAS 117-84-0)	
- DPENP (di-n-pentyl phthalate) (CAS 131-18-0)	
Pigments	
Plasticizers	
- Chlorinated naphthalenes	
- Chlorinated paraffines (CAS 85535-85-9, 85535-84-8)	
- Monocresyl phosphate (CAS 26444-49-5)	
- Tricresyl phosphate (CAS 1330-78-5)	
- Monocresyl diphenyl phosphate (CAS 26444-49-5)	
PVC (Polyvinylchloride) (CAS 9062-86-2)	
Radioactive substances	
Rare earth metals	
Tetrachloroethylene (CAS 127-18-4)	
VAH (volatile aromatic hydrocarbon)	
Zinc oxide (CAS 1314-13-2)	

OTHER REGULATIONS

For the following Regulation detailed information are available on request.

- Conflict Minerals

Should you require any additional information regarding the regulatory status of SILIKOFTAL® HTL 1, please do not hesitate to contact us!

Disclaimer

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 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:

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