Raw Material Statement concerning the 4uropean Ecolabel for Paints and Varnishes (Commission Decision 2014/312/EU)

Product Name: **ACEMATT® HK 520**
Chemical name: **Silicon dioxide, chemically prepared**
CAS-No.: **112926-00-8, 7631-86-9**

Above mentioned product is a non-hazardous single substance and not a mixture.

Ingredients/substances/preparations/mixtures as well as any additional functional ingredients and known impurities that are present at concentrations in the product of greater than 0,010% (100 ppm)				
Criteria	**Title**	**Present**		**See reference**
		YES	**NO**	
4.	**Volatile Organic Compounds (VOC)'s content (%)** *Article 2, definition 13 of the decision 2014/312/EU Directive 2004/42/EC*		X	1
4.	**Semi Volatile Organic Compounds (SVOC)'s content (%)** *Article 2, definition 14 of the decision 2014/312/EU*		X	1
5.b)	**Substances of Very High Concern according to the procedure described in Article 59(1) of the REACH Regulation, Art. 57**		X	1, safety data sheet
5 ann.1, 1ii	**3-iodo-2-propynyl butylcarbamate (IBPC) content**		X	1
5 ann.1, 1iii	**Isothiazolinone compound content** - 2-methyl-2H-isothiazol-3-one - 1,2-benzisothiazol-3(2H)-one - 2-octyl-2H-isothiazol-3-one - 5-chloro-2-methyl-4-isothiazolin-3-one/2-methyl-4-isothiazolin-3-one		X	1
5 ann.1, 1iii	**Zinc pyrithione content**		X	1
5 ann.1, 1iii	**N-(3-aminopropyl)-N-dodecylpropane-1, 3-diamine content**		X	1
5 ann.1, 1iii	**Zinc oxide content**		X	1
5 (a)(i) 4	**Alkylphenolethoxylates (APEO) content and their derivatives**		X	1
5 ann.1, 4c	**Long chain perfluorinated surfactants :** - **Perfluorocarboxylic acids content** (with carbon chain lengths ≥C8 including perfluorooctanoic acid (PFOA) - **Perfluoroalkyle sulfonates content (**with carbon chain lengths ≥C6 including perfluorohexane sulfonic acid (PFHxS) and perfluorooctane sulfonate (PFOS) - **Related compounds that may degrade to the substances identified above**		X	1
5 ann.1, 5a	**Silicon resin emulsion H412(R52/53), H413 (R53) content**		X	1
5 ann.1, 5b	**Metals and their compounds content** Cadmium, lead, chromium VI, mercury, arsenic, barium, selenium, antimony and cobalt		X	2
5 ann.1, 5c	**Crystalline silica and leucophyllite minerals containing crystalline silica H373 (R48/20) content**		X	3
5 ann.1, 6b	**Phthalates content** - DEHP (Bis-(2-ethylhexyl)-phthalate) - BBP (Butylbenzylphtalate) - DBP (Dibutylphthalate) - DMEP (Bis2-methoxyethyl) phthalate - DIBP (Diisobutylphthalate) - DIHP (dialkylphthalates ramifies en C6-8) - DHNUP (dialkylphthalates ramifies en C7-11) - DHP (Di-n-hexylphthalate)		X	1

Criteria	Title	Present		See reference
		YES	NO	
5. 7a)	**Free formaldehyde content**		X	1
5. 7b)	**Solvents**		X	1
5. 7c)	**Unreacted monomers content** present from binders including acrylic acid		X	1
5. 7d)	**Volatil Aromatic Hydrocarbons content**		X	1
5. 7d)	**Halogenated solvents content**		X	1
5 ann.1, 8a	**Adipic acid dihydrazide (ADH) content**		X	1
5 ann.1, 8b	**Residual methanol content**		X	1

Criteria 5 (a)

Presence of substances or mixtures labeled hazard statements and risk phrases below	YES	NO	Reference
H300 (R28), H310 (R27), H330 (R23/26), H304 (R65), H301 (R25), H311 (R24), H331 (R23), EUH070 (R39/41)		X	Safety data sheet
H370 (R39/23, R39/24, R39/25, R39/26), R39/27, R39/28), H372 (R48/25, R48/24, R48/23), H371 (R68/20, R68/21, R68/22), H373 (R48/20, R48/21, R48/22)		X	Safety data sheet
H317 (R43), H334 (R42)		X	Safety data sheet
H340 (R46), H350 (R45), H350i (R49), H360F (R60), H360D (R61), H360FD (R60, R60/61), H360Fd (R60/63), H360Df (R61/62), H341 (R68), H351 (R40), H361f (R62), H361d (R63), H361fd (R62/63), H362 (R64)		X	Safety data sheet
H400 (R50), H410 R50/53), H411 (R51/53), H412 (R52/53), H413 (R53)		X	Safety data sheet
EUH059 (R59)		X	Safety data sheet

Nanomaterials according to Commission Recommendation 2022/C 229/01 on the definition of nanomaterial
This product meets the definition of nanomaterials set out in Recommendation 2022/C 229/01 on the definition of nanomaterial.

The following information is available in our Safety Data Sheet (SDS):
Hazard Identification, Composition/Information on Ingredients, REACH-Registration number (if available), (SVHC) Substances of high concern (if applicable), First Aid, Fire Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control/Personal Protection, Physical and Chemical Properties, Stability and Reactivity, Toxicological and Ecological Information, Disposal Considerations, Risk Information (e.g. Transportation, Labeling, Risk Phrases). The Water Hazard Class (WGK) is only in the German version of the safety data sheet available. Please, pay attention to the national edition of the SDS.
This e-mail address should be used in order to request the SDS: **sds-hu@evonik.com**

References:

1. In the production process of this product we do not intentionally use or add any of these substances. The analysis on these substances is not part of our standard quality and production analyses. Therefore, we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.
2. In the production process of this product, we do not intentionally use or add any heavy metal constituents. The overall content of Cadmium (Cd), Lead(Pb), Chromium (total, Cr) Mercury (Hg), Arsenic (As), Barium (Ba), Selenium (Se), Antimony (Sb) and Cobalt (Co), in their entirety, lies below 100 ppm.
   The limit given represent typical values from arbitrarily selected samples, but do not represent any specifications. A total content method was used.
3. Synthetic amorphous silica manufactured by flame hydrolysis or by precipitation in an aqueous solution is characterized by its amorphous structure. The determination method used on typical samples is enrichment of the crystalline silicon dioxide fraction followed by X-ray Diffraction. The detection limit of this method is less than

0.1% by weight. The determination of arbitrarily selected samples shows no crystalline silicon dioxide fraction above the detection limit. Under consideration of this result this silica is considered to be amorphous.

Evonik Operations GmbH

This document was created electronically and therefore, is not signed.

Evonik Operations GmbH | Smart Materials | Production & Technology | Product Stewardship | Special Regulations & Applications | SM-PT-PS-SRA| Rodenbacher Chaussee 4 | 63457 Hanau-Wolfgang | Germany

---

Evonik Operations GmbH | Rellinghauser Straße 1-11 | 45128 Essen | Germany | www.evonik.com
Managing Directors: Dr. Joachim Dahm | Johann-Caspar Gammelin | Lauren Kjeldsen | Dr. Claudine Mollenkopf | Alexandra Schwarz
Registered Office Essen | Register Court | City Local Court Essen | Commercial Registry B 20227