

# BRIEF

## BYK Regulatory Information - Extensive Form

### Product name: BYK-039

#### 1. Inventory Status

The components of the product are contained in the following inventories or are exempt from listing:

|                      |                                                                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switzerland (EINECS) | : yes                                                                                                                                                                                                 |
| USA (TSCA)           | : All substances listed as active on the TSCA inventory                                                                                                                                               |
| Canada (DSL)         | : yes                                                                                                                                                                                                 |
| Australia (AIIIC)    | : yes                                                                                                                                                                                                 |
| Korea (K-REACH)      | : If you need more information about the (pre-)registration status, please get in contact with our experts from the BRIEF Team:<br><a href="http://www.byk.com/BRIEF-Team">www.byk.com/BRIEF-Team</a> |
| Philippines (PICCS)  | : yes                                                                                                                                                                                                 |
| China (IECSC)        | : yes                                                                                                                                                                                                 |
| Japan (ENCS)         | : yes                                                                                                                                                                                                 |
| New Zealand (NZIoC)  | : yes                                                                                                                                                                                                 |
| Taiwan (ECSI)        | : yes                                                                                                                                                                                                 |

#### 2. Information concerning specific ingredients

BYK considers the composition of products as confidential and does not provide this information to protect our intellectual property.

##### 2.1 Information about VOC (Volatile Organic Compounds) content

|                                                                |                                           |
|----------------------------------------------------------------|-------------------------------------------|
| VOC content determined according to BYK's Greenability Method* | < 1,500 ppm<br>HS-GC (60 min/100 °C/5 mg) |
|----------------------------------------------------------------|-------------------------------------------|

|                                                                   |             |
|-------------------------------------------------------------------|-------------|
| SVOC content determined by using the methods given in ISO 11890-2 | 10 - 20 g/l |
|-------------------------------------------------------------------|-------------|

\*BYK's Greenability Method is a self-developed in-house method to determine the VOC content of our products. The VOC content is measured with headspace gas chromatography by analyzing the gas composition in the space above the sample (= headspace) inside the chromatography vial after an defined equilibration time/temperature.

## **2.2 According to the composition, the product does not contain the following substances:**

BYK can state that we do not intentionally add any of the following substances to the product. We do not check the content of these substances routinely as part of our quality control and therefore cannot formally guarantee the absence of these substances.

**N-Nitrosamines according to DIN EN 71-12**

**Azocolourants - List of aromatic amines (Annex XVII, Appendix 8: Entry 43)**

**Biocides / Preservatives**

**CMR (Carcinogenic, Mutagenic or Toxic to Reproduction) Class I and II according to regulation (EC) No 1272/2008**

**Dimethyl fumarate**

**Endocrine Disruptors according to COM(2001) 262 [Candidate list of 553 substances]**

**Formaldehyde and Formaldehyde releasers**

**Glycol ethers classified as reprotoxic class I and II according to Regulation (EC) No 1272/2008**

**Regulation (EU) 2019/1021 on persistent organic pollutants (recast)**

**Heavy Metals and Organic Tin Compounds according to DIN EN 71-3**

**Regulation (EC) No 1005/2009 on substances that deplete the ozone layer**

**PAH according to AfPS GS 2019:01 PAK of the Federal Institute for Occupational Safety and Health**

**Phthalates**

**Alkylphenoethoxylates [APEO]**

**Asbestos**

**Per- and Polyfluoroalkyl Substances [PFAS] according OECD list**

### 3. Directive Status

According to the composition, we can state that the product is in line with the following directives:

**Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)**  
**EU Directive 2002/96/EC (WEEE)**  
**EU Directive 94/62/EC (Packaging Waste)**  
**CONEG Toxics in Packaging**

### 4. Further Information

ADD-MAX®, ADD-VANCE®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK®-DYNWET®, BYKMAX®, BYK®SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURABYK®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

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BYK reserves the right to change or update the information without notice.

**Your Regulatory Affairs Team @ BYK**