*Specialty Fluids*

Silicones | Delivering your potential

# BLUESIL™ CATA 2812

## Textile Water Repellent

**Technical Data Sheet n° SIL 18 019 3 – February 2018**
**Cancels and replaces SIL 17 063 3**

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| **Description** | **BLUESIL CATA 2812** is a catalyst for reactive silicones intended to impart water repellency to textiles and other substrates. |
| **Examples of applications** | **BLUESIL CATA 2812** is recommended for use with BLUESIL EMUL 269 and BLUESIL EMUL 12 water repellents. |
| **Key benefits** | **BLUESIL CATA 2812** provides the following benefits when used in conjunction with BLUESIL EMUL 269 and BLUESIL EMUL 12 water repellents.<br>• Excellent water repellency.<br>• Imparts water repellency to all types of textile substrates and is especially suitable for cotton and cotton blends.<br>• Provides wash-durable water repellency.<br>• Excellent soft hand-feel and breathability of treated fabrics for wear comfort.<br>• May improve fabric tear strength.<br>• Fluorine-free water repellency. |
| **Typical properties** | Appearance ..... Clear to slightly hazy liquid<br>Odour ..... Alcoholic<br>Colour ..... Slightly yellow<br>pH, approx. ..... 5<br>Specific gravity at 25°C, approx..... 1.02<br>***Please note:* These typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.** |
| **Instruction of use** | **Application to textiles by padding**:<br>It is recommended to use **BLUESIL CATA 2812** with BLUESIL EMUL 269 or BLUESIL EMUL 12.<br>**With BLUESIL EMUL 269**<br>The typical quantity of **BLUESIL CATA 2812** is 40-50% of that of BLUESIL EMUL 269. The concentration in the bath should be adjusted to give a pick-up of 1-2% by weight silicone on the fabric. Typically this will be achieved with doses of 15 g/l to 45 g/l BLUESIL EMUL 269 in the bath<br>**With BLUESIL EMUL 12**<br>The typical quantity of **BLUESIL CATA 2812** is 40-50% of that of BLUESIL EMUL 12**.** The concentration in the bath should be adjusted to give a pick-up of 1-2% by weight silicone on the fabric. Typically this will be achieved with doses of 25 g/l to 90 g/l BLUESIL EMUL 12 in the bath.<br>**BLUESIL CATA 2812** should be diluted into water before addition to pre-diluted BLUESIL EMUL 269 and before addition to pre-diluted BLUESIL EMUL 12, respectively.<br>The pH of the bath should be adjusted to approximately to 5.<br>Preliminary tests are recommended to define optimum quantities. |

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| **Packaging** | **BLUESIL CATA 2812** is available in 120 kg plastic drums or 1000 kg IBC. |
| **Storage and shelf life** | When stored in its original packaging at a temperature between +5°C and +40°C, **BLUESIL CATA 2812** may be stored for up to 12 months from its date of manufacture.<br>Comply with the storage instructions and the expiry date marked on the packaging.<br>Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications. |
| **Safety** | Please consult the Safety Data Sheet of **BLUESIL CATA 2812.** |

Visit our website www.silicones.elkem.com

**EUROPE**

*Elkem Silicones France*
*21 Avenue Georges Pompidou*
*F69486 Lyon Cedex 03*
*FRANCE*
*Tel. (33) 4 72 13 19 00*
*Fax (33) 4 72 13 19 88*

**NORTH AMERICA**

*Elkem Silicones USA*
*2 Tower Center Boulevard*
*Suite 1601*
*East Brunswick, NJ 08816-1100*
*United States*
*Tel. (1) 732 227-2060*
*Fax. (1) 732 249-7000*

**LATIN AMERICA**

*Elkem Silicones Brazil Ltda.*
*Av. Duquesa de Goiás, 716*
*2°andar*
*05680-002 Sao Paulo*
*Brazil*
*Tel. (55) 11 4380-6900*

**ASIA PACIFIC**

*Elkem Silicones (Shanghai) Co. Ltd.*
*3966, Jindu Road, Xinzhuang Industrial Zone, Shanghai*
*Tel. (86) 21 5442 6600*
*Fax (86) 21 5442 3733*

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