

# BYK-3105

Silicone-containing air release additive for PVC plastisols. Particularly suitable for low fogging applications.

## Product Data

### Composition

Methyl alkyl polysiloxane

### Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (68 °F): 7.55 lbs/US gal

Refractive index (68 °F): 1.450

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

## Applications

### PVC Plastisols

#### Special Features and Benefits

The additive is recommended for releasing air from PVC plastisols and is particularly suitable for low fogging applications.

#### Recommended Use

Unfilled plastisols	<input type="checkbox"/>
Filled plastisols	<input type="checkbox"/>
Foamed plastisols	<input type="checkbox"/>
Low fogging plastisols	<input checked="" type="checkbox"/>
Plastisols containing BBP/Mesamoll	<input checked="" type="checkbox"/>

☒ especially recommended   ☐ recommended

## Recommended Levels

0.1-0.5 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

## Incorporation and Processing Instructions

To prevent the formation of foam and bubbles during production and/or application, the air release additive should be mixed with the plasticizer during plastisol production.



Additive Guide



**BYK USA Inc.**  
524 South Cherry Street  
P.O. Box 5670  
Wallingford, CT 06492  
USA  
Tel 203 265-2086  
Fax 203 284-9158

[cs.usa@byk.com](mailto:cs.usa@byk.com)  
[www.byk.com/additives](http://www.byk.com/additives)

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYPK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFK®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera.

SCONA® is a registered trademark of BYK Kometra.

The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty, either expressed or implied, is made or intended. Use by a customer should be based upon their own investigations and appraisals. Any recommendation should not be construed as an invitation to use a material in infringement of patents.

This issue replaces all previous versions – Printed in the USA