

CleanGrip® 2103

BRAND FAMILY OVERVIEW CleanGrip® is a sprayable water-based coating applied by bag manufacturers and corrugators to reduce the skid of paper packaging. Made of high-performance silica, it eliminates the build-up and clogging associated with alumina nonskids.

USAGE A high solids sprayable nonskid coating that provides excellent slide angles, is easily cleanable and hot melt and cold set gluable.

DESCRIPTION Water based frictionizing agent

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

Market	Properties Imparted
Industrial	skid resistance

PHYSICAL PROPERTIES The following properties are typical but should not be considered specifications:

Appearance:	Thin, translucent liquid
Solids Type:	Silica
pH:	8.5 - 9.5
Brookfield Viscosity (cps) :	< 50
Spindle Number:	1
RPM:	60

SITE OF MANUFACTURE (and PRODUCT CODE) USA (CLG2103)

APPLICATION DATA CleanGrip™ 2103 is designed to be applied by spray coater on the corrugator but may also be applied using felts, sponges or rollers.

STORAGE Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

HANDLING Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

CleanGrip® 2103

Revised 21 November 2017

The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

Americas

Michelman Inc.
Tel: +1 513 793 7766
Fax: +1 513 793 2504

China

Michelman New Material
(Shanghai) Co., Ltd.
Tel: +86 21 2098 6880
Fax: +86 21 3810 3811

India

Michelman Private Limited
(formerly known as
Michelman Chemicals Pvt Ltd)
Tel: +91 22 28672783
Fax: +91 22 28672784

Japan

Michelman Japan LLC
Tel: +81 3 45 80 14 90
Fax: +81 3 45 80 27 01

Luxembourg

Michelman SARL
Tel: +352 26 39 44 1
Fax: +352 26 39 44 80

Singapore

Michelman Asia-Pacific Pte. Ltd.
Tel: +65 6861 2822
Fax: +65 6861 2262

The facts stated and the recommendations contained herein are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application for our products nor anticipate every variation encountered in manufacturing equipment and methods. The products discussed are sold without warranty, express or implied and Seller disclaims any warranty of merchantability or fitness for a particular purpose in connection with the purchase of its products. It is recommended that purchasers conduct their own tests to determine the suitability of such products for their particular purpose. Seller shall not be liable for any injury, loss or damage, direct or consequential arising out of the use of or the inability to use the product. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent and our products are sold without warranty of non-infringement.

© 2019 MICHELMAN, INC. All rights reserved. ® Reg. U.S. Pat. TM Off.
All marks contained herein are registered or owned by Michelman, Inc.
Michelman is ISO 9001:2015 certified.