

91 / 00013 OGF Agent

91 / 00030 OGF Agent

OUT-GASSING INHIBITOR FOR THE POWDER COATING OF GASSING SUBSTRATES

Typical applications

- Galvanized workpieces
- Castings
- Base steel alloys
- Anodized aluminium

Standard In 10 kg boxes and 1,0 kg
Packaging Minipacks

Storage Stability Use before: see printed date on product label; under dry conditions at no more than 25 °C, avoid direct and extended heat exposure.

(The shelf life of custom made blanket orders or other stock agreements which by their nature are stored over longer periods is determined by the original production date.)

Features

- suitable for all TIGER Drylac® products
Please note, by adding the OGF agent into GSB and Qualicoat licensed architectural qualities the respective material licence is forfeited!
- powdery agent for post-mixing
- inhibits substrate related out-gassing
- optimizes flow
- good storage stability

Finish

- Reduces gloss by approx. 10 degrees*

* Gloss level acc. to ISO 2813/60° angle (doesn't apply to metallic effect powder coatings). The measured gloss level of effect powder coatings can diverge from the details given in this product datasheet. The creation of tolerance samples is urgently recommended)

Application

Depending on requirements TIGER 91/00030 resp. 91/00013 OGF Inhibitor may be mixed at a ratio up to 2 % into TIGER Drylac® powder coatings. Mixture must be thoroughly and homogeneously blended. In addition straining of the mixture before use is recommended. Additional blending typically also occurs during application or via blending device in powder containers.

Use virgin powder as opposed to reclaim powder which may reduce the out-gassing effects.

Mixing ration by weight and volume

Pow- der- quantity	Mix with 2% of OGF Inhibitor	
2.5 kg 5 lbs	50 grams 2 oz.	150 ml 1/3 pint
20 kg 44 lbs	400 grams 16 oz.	1.200 ml 2 1/2 pint
25 kg 55 lbs	500 grams 20 oz.	1.500 ml 3 pint

The basic variable for the effectiveness of the 91/00030 OGF Inhibitor is the substrate, therefore prior tests to establish the best mixing ratio are required. In principle, a higher mixing ratio will yield a better out-gassing performance, however as the OGF Inhibitor alters the flow behaviour, the 2 % mixing limit is not to be exceeded.

Please note

A waxy white film build during curing at elevated temperatures may occur, which can easily be removed. This film does not impair the overall mechanical, chemical or corrosion protection properties of the TIGER Drylac® powder coating. However, as a result of the post-mixing of the 91/00030 OGF Inhibitor the adhesion of labels, silk-screening properties or the metallic effect of metallic powder coatings may be impaired, therefore prior testing is required.

Joint sealants and any other auxiliary products, such as glazing aids, gliding waxes, drilling and cutting lubricants, which come in contact with the coated surface must be ph-neutral and free of substances which may damage the finish. The suitability of these products for the intended application needs to be verified prior to their use.

The amount of out-gassing of HDG substrates depends upon the composition of the steel (Si-content) and the quality of the galvanizing.

Tempering

In order to minimize the effects of out-gassing substrates it is recommended to temper the raw work pieces at elevated temperatures that are beyond the curing requirements for the curing of the subsequent coating.

91 / 00013 | 91 / 00030

Our verbal and written recommendations for the use of our products are based upon experience and in accordance with present technological standards. These are given in order to support the buyer or user. They are non-committal and do not create any additional commitments to the purchase agreement. They do not release the buyer from verifying the suitability of our products for the intended application. We warrant that our products are free of flaws and defects to the extent as stipulated in our Terms of Delivery and Payment.

As a part of our product information program each of our Product Data Sheets are periodically updated, so that the latest version shall prevail. Therefore, please visit the download area of www.tiger-coatings.com to make sure you have the most current version of this Product Data Sheet. The information in our Product Data Sheets is subject to change without notification.

This Product Data Sheet substitutes any and all previous Product Data Sheets and notes for customers published on this subject matter and is only intended to give a general product overview. Please request specific information for products outside of our standard product list (latest version).

The Technical Information Sheets and the Terms of Delivery and Payment each in their latest version, available as a download at www.tiger-coatings.com, form an integral part of this Product Data Sheet.

certified according to
EN ISO 9001 / 14001



TIGER Coatings GmbH & Co. KG

Negrellistrasse 36 | 4600 Wels | Austria

T +43 / (0)7242 / 400-0

F +43 / (0)7242 / 650 08

E powdercoatings@tiger-coatings.com

W www.tiger-coatings.com

91 / 00013 | 91 / 00030