



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 Packaging

In 10 kg boxes and 1,0 kg Minipacks

Storage Stability

6 months from date of delivery 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 homogenously 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

Powder-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.



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certified according to
EN ISO 9001 / 14001



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