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Food Contact Certification **FDA and EU Regulatory Compliance**

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Valid to 1st April 2018 unless advised of
modifications prior to expiry date.

Product Description	:	White Masterbatch
Product Item Code	:	PE 161
Primary Ingredients	:	Titanium Dioxide Pigment Opacity Enhancing Additive Calcium Carbonate Filler LLDPE/LDPE Carrier Polymer

To Whom it May Concern:

The primary ingredients of the abovementioned masterbatch product have food contact certification according to Food and Drug Administration of the United States of America (FDA) and/or European Union (EU) food contact approval standards/certification. The primary ingredients of the abovementioned masterbatch are evaluated through consultation with our suppliers. After it has been determined that the primary ingredients of the of the abovementioned product's primary ingredients as listed above comply with FDA and and/or EU international food contact regulations and our suppliers supply the relevant documentation this document is created. This document includes in the body of the document below the relevant food contact regulations the abovementioned primary ingredients comply to.

Titanium Dioxide Pigment:

The titanium dioxide pigment complies with the following regulations:

Commission Regulation 10/2011/EU on plastic materials and articles intended to come into contact with food, as amended. On May 1, 2011, Commission Directive 2002/72/EC has been replaced by Commission Regulation 10/2011/EU. Titanium dioxide appears in the Annex I, the Union List. Presuming appropriate processing following the Good Manufacturing practices Regulation 2023/2006/EC, to the best of our knowledge, the product can be used in the countries of the European Community for the manufacturing of food contact materials or articles according to article 3 of Regulation 1935/2004/EC.

Acceptable for FDA food contact uses, under 21 CFR 178.3297 (Colorants for Polymers) or otherwise have a suitable status under the Federal Food, Drug, and Cosmetic Act and its implementing food additive regulations under FDA's Conditions of Use A through H. FDA's Conditions of Use are set forth in 21 CFR § 176.170(c), Table 2.

Directors: ID Forbes (Executive Chairman); W Shipway (Managing Director); D Fourie; DA Halstead-Cleak (Alt);
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*Non-Executive Director

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Opacity Enhancing Additive

The opacity enhancing additive complies with the following regulations:

The material complies with EU regulations 10/2011/EU on plastic materials and articles intended to come into contact with food, as amended. Accordingly, this material can be used to manufacture plastics articles intended to be in contact with food.

Calcium Carbonate Filler

The calcium carbonate filler complies with the following regulations:

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union L 338/4 of 13.11.2004, modified by app. No. 5.17 of the regulation (EC) No 596/2009 of 18 June 2009, Official Journal of the European Union L 188 of 18 July 2009, article 3.

LLDPE/LDPE Carrier Polymer:

The LLDPE/LDPE carrier polymer complies with the following regulations:

The polymer complies with the compositional requirements of Commission Regulation (EU) No10/2011 of 14 January 2011 (as amended by Regulation EU 1183/2012, Regulation EU 1183/2012 and Regulation EU 202/2014) relating to plastic materials and articles intended to come into contact with food.

The polymer is compliant to the compositional requirements of Commission Regulation (EU) No 10/2011 based on the fact the grade listed above is produced from authorised substances listed in the Union list of authorised monomers, other starting substances, macromolecules obtained from microbial fermentation, additives and polymer production aids specified in Annex I Table 1 of the regulation.

The polymer complies with the regulations of the US Food and Drug Administration (FDA) governing the use of plastic materials in contact with food as published in the Code of Federal Regulations 21 CFR.

Compliance is claimed based on the following: the basic polymer is allowed in food contact applications under paragraph (a)(3)(i)(c)(1) of 21 CFR 177.1520; the polymer is suitable for non-cooking applications as specified in paragraph (c)3.1a of 21 CFR 177.1520.

The adjuvant substances in this polymer are permitted in articles intended for use with: food types I - IX as specified in Table 1 of 21 CFR 176.170; conditions A - H as specified in Table 2 of 21 CFR 176.170.

If you require anymore information, have any queries or need any assistance do not hesitate to contact me.

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Nicolas Burger", with a long horizontal stroke extending to the right.

Nicolas Burger

Technical Manager – Plastics Division

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