

**Customer: Tokoplas**

**Reference: Bonaventura Alfa JULIAS SASONGKO, 22.02.2022**

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## Declaration

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**REMAFIN-WHITE PL03400960-ZN MX-G0116**

**Material number: PL03400960**

### Introduction

This document is intended to provide information on the current status of the above-referenced material under certain regulatory programs. Please review this document carefully and contact your Avient representative if you have any questions.

All statements refer exclusively to the named product in its current formulation: they are based on the present state of our knowledge and experience and concern the product in its original form and packaging as supplied from our factory.

Since the masterbatch and compound manufacturer has no influence on subsequent processing, the processor himself is responsible for ensuring that the finished article is suitable for the intended use, and is also responsible for ascertaining the compliance of the end article with the national and international regulations and laws concerning its application field. Due to the broad range of possible applications we make no warranty that the actual use of the product in the finished article is comprised by the information below.

*Hereafter the status of the different component types is given according to their applicable legislation and based on the declarations received by Avient from starting materials suppliers:*

### USA Food and Drug Administration

In the USA substances used as a component of articles intended to come into contact with food are regulated by Food and Drug Administration FDA 21 CFR Title 21. Specific limitations and conditions of use, as set forth in these regulations, are specified below.

Please note, the maximum use rate specified below must be met to ensure regulatory compliance.

The components entering into the formulation of the above-referenced product are approved under one or more of the specific FDA paragraphs or have other clearances listed below:

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1. Colorants listed in 21 CFR 178.3297 "Colorants for Polymers."
2. Components that are exempt from regulation under 21 CFR 170.39, "Threshold of Regulation for Substances Used in Food Contact Articles."
3. Polymers and/or additives listed in the appropriate parts of 21 CFR (174, 175, 176, 177, 178, 181, 182, 184 and 186).
4. Substances that, based upon legal opinion, supplier certification, and/or extraction results from food-simulating solvents, are not food additives and are acceptable for food contact applications in full compliance with the Federal Food, Drug and Cosmetic Act and all applicable food additive regulations.
5. Substances that are GRAS (Generally Recognized as Safe) for direct addition to food or for use in contact with food.
6. Substances that are "Prior Sanctioned" for use in this application.
7. Substances that are the subject of applicable Food Contact Substance Notifications.

The above statement is valid only if the dosage ratio listed below is not exceeded in the application polymer:

Application polymer	Max. let-down ratio (w/w)
HDPE	60,06 %
No further regulatory restraints, food type limitations or restrictions of conditions of use (as listed from A through H into title 21 CFR, §176.170(c), table 2) apply to this material. Material may not be used at levels greater than that required to achieve the desired intended technical effect in the food contact article.	
LLDPE	60,06 %
The finished polymers complying with 21 CFR § 177.1520 items 2.1, 2.2, or 2.3 having a density less than 0.94 gram per cubic centimeter and a thickness greater than 0.051 millimeter (0.002 inch), either shall have a level of tris(2,4-di-tert-butylphenyl)phosphite that shall not exceed 0.062 milligram per square inch of food-contact surface or shall contact all food types identified in Table 1 of 176.170(c) of this chapter only under conditions of use E, F, and G described in Table 2 of 176.170(c) of this chapter. Not intended for use in contact with infant formulas and breast milk.	
LDPE	60,06 %
The finished polymers complying with 21 CFR § 177.1520 items 2.1, 2.2, or 2.3 having a density less than 0.94 gram per cubic centimeter and a thickness greater than 0.051 millimeter (0.002 inch), either shall have a level of tris(2,4-di-tert-butylphenyl)phosphite that shall not exceed 0.062 milligram per square inch of food-contact surface or shall contact all food types identified in Table 1 of 176.170(c) of this chapter only under conditions of use E, F, and G described in Table 2 of 176.170(c) of this chapter.	
PP	75,08 %
No further regulatory restraints, food type limitations or restrictions of conditions of use (as listed from A through H into title 21 CFR, §176.170(c), table 2) apply to this material. Material may not be used at levels greater than that required to achieve the desired intended technical effect in the food contact article.	

If you do not find your application polymer, please contact your Avient product safety representative.

### **Directive 94/62/EC and CONEG**

Based on the knowledge of the raw materials as well as of the manufacturing process this product meets the requirements of the Directive 94/62/EC and the CONEG regulation which limits the content of heavy metals up to 100 ppm (Cd, Pb, Hg, Cr(VI)).

**Diarylide Pigments**

The product does not contain any intentionally added diarylide pigment in its chemical composition.

**P.T. Avient Colorants Indonesia****Country Product Stewardship**

This declaration was produced automatically and therefore does not have an original signature.

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Avient makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Avient's products for its particular application. Nothing included in this information waives any of Avient's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Safety Data Sheets providing safety precautions, that should be observed when handling or storing Avient products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Safety Data Sheet information before handling any of these products. For additional information, please contact Avient.

\* For sales to customers located within the United States and Canada the following applies in addition:

NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE.

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