



September 2017

**NEW FOOD CONTACT APPLICATIONS ALLOWED FOR CABOT'S FOOD CONTACT COLORANTS IN THE US:
BLACK PEARLS® 4350, BLACK PEARLS® 4750 and MONARCH® 4750
SPECIALTY CARBON BLACKS**



Definition

Cabot's food contact colorants are defined as: "High-purity furnace black (HPFB) (CAS Reg. No. 1333-86-4) containing total polynuclear aromatic hydrocarbons not to exceed 0.5 parts per million, and benzo[a]pyrene not to exceed 5.0 parts per billion, as determined by a method entitled "*Determination of PAH Content of Carbon Black*," dated July 8, 1994, as developed by the Cabot Corp., which is incorporated by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51." Cabot's HPFB food contact colorants are BLACK PEARLS® 4350, BLACK PEARLS® 4750 and MONARCH® 4750 carbon black.

New Food Contact Applications for US Customers

Until recently, the US Food and Drug Administration (FDA) allowed HPFB in very limited food contact applications; specifically, at a 2.5% loading limit in polymers. In contrast, Channel Black (a type of carbon black manufactured using the channel process) can be used in additional applications, such as inks, coatings, adhesives and paper and paperboard with no upper limits.

As a result of a new Food Contact Notification (FCN) submitted by Cabot to FDA and accepted by FDA as of September 16, 2017, Cabot's food contact colorants are allowed to be used in the same applications as Channel Black with no specified upper loading limits. Thus, Cabot's food contact colorants can replace Channel Black in food contact applications in the US. The FCN is listed as FCN 1789 and is added to the list of effective notifications for FCNs, which can be accessed from <https://www.accessdata.fda.gov/scripts/fdcc/?set=FCN>.

FCN 1789 specifies the following uses and limitations:



Intended Use:

“For use as a component of adhesives as described in 21 CFR 175.105(b)(5); for use as a colorant in resinous and polymeric coatings as described in 21 CFR 175.300(b)(3)(xxvi); for use as a colorant in paper and paperboard in contact with aqueous and fatty foods as described in 21 CFR 176.170(b)(2); for use as a colorant in paper and paperboard in contact with dry food as described in 21 CFR 176.180(b)(1); and for use as a colorant for polymers as described in 21 CFR 178.3297(e); except for use in contact with infant formula and human milk.”

Limitations/Specifications

HPFB will be used at levels not to exceed the minimum required to accomplish the intended technical effect. HPFB is not for use in contact with infant formula and human milk. Such uses were not included as part of the intended use of the substance in the FCN.

The FCN is specific for the manufacturer/supplier, which is Cabot Corporation.

This information is being provided as of the date hereof. Please visit cabotcorp.com/certifications for any updates to this information.

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