



January 2023

## LOW PAH CARBON BLACK PRODUCTS FOR PLASTIC APPLICATIONS

**Compliance with Commission Regulation (EU) No 1272/2013 of 6 December 2013, amending Annex XVII to Regulation (EC) No 1907/2006 as regards polycyclic aromatic hydrocarbons (PAH).**

The European Union (EU) Commission has promulgated the above referenced regulation which limits the content of the following eight PAHs in the accessible plastic or rubber parts of certain articles placed on the EU market from 27 December 2015 onward:

- |                      |                          |
|----------------------|--------------------------|
| ◆ Benzo[a]pyrene     | ◆ Benzo[b]fluoranthene   |
| ◆ Benzo[e]pyrene     | ◆ Benzo[j]fluoranthene   |
| ◆ Benzo[a]anthracene | ◆ Benzo[k]fluoranthene   |
| ◆ Chrysene           | ◆ Dibenzo[a,h]anthracene |

The restrictions are as follows:

- ◆ [Category 1]: *Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (1 ppm) of any of the [8] listed PAHs*
- ◆ [Category 2]: *Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0.5 mg/kg (0.5 ppm) of any of the listed [8] PAHs*

As part of our on-going commitment to customer service and product stewardship, we have instituted a rigorous testing program to ensure the products that we certify meet stringent PAH limits.

Our U.S. Food & Drug Administration (FDA) specialty carbon black grades offer the highest level of purity. Given their high purity, these four FDA specialty products may be used, without dilution, to produce articles as described in both Category 1 and Category 2 above.

In addition, we are pleased to offer another series of specialty carbon black products suitable for use in in final Category 1 and Category 2 articles upon adequate loading.

For the products listed in Table 1, we certify that the carbon black will contribute less than 0.5 ppm of any of the eight listed PAHs to the final article, when the carbon black product is used upon the loading shown in the below table:

Table 1: Specialty Carbon Blacks		
Loading rate	Pellets	Fluffy
Up to 40% weight	<b>BLACK PEARLS® 1150 carbon black</b> <b>BLACK PEARLS® 800 carbon black</b> <b>BLACK PEARLS® 880 carbon black</b> <b>BLACK PEARLS® 4040 carbon black</b> <b>BLACK PEARLS® 450A111 carbon black</b> <b>BLACK PEARLS® 4560i carbon black</b> <b>BLACK PEARLS® 4840 carbon black</b> <b>BLACK PEARLS® 5560 carbon black</b> <b>ELFTEX® 254 carbon black</b> <b>ELFTEX® 570 carbon black</b> <b>ELFTEX® P100 carbon black</b> <b>ELFTEX® TP carbon black</b> <b>VULCAN® P carbon black</b> <b>VULCAN® 9A32 carbon black</b> <b>VULCAN® XC72 conductive carbon black</b> <b>VULCAN® XCMaX22 carbon black</b>	<b>ELFTEX® 415 carbon black</b> <b>MONARCH® 800 carbon black</b> <b>MONARCH® 880 carbon black</b> <b>REGAL® 400R carbon black</b> <b>VULCAN® PF carbon black</b> <b>VULCAN® XC72R carbon black</b>
Up to 100% by weight	<b>BLACK PEARLS® 4350 carbon black</b> <b>BLACK PEARLS® 4750 carbon black</b> <b>CSX™ 904 carbon black</b>	<b>MONARCH® 4750 carbon black</b>

In lieu of product-specific carbon black PAH data, please accept this letter as our certification of PAH content in the carbon black products as noted above. Article producers are responsible for determining and for ensuring compliance with Commission Regulation (EU) No 1272/2013 of 6 December 2013.

This statement expires one year from date of issuance. This information is being provided as of the date hereof. Please visit [cabotcorp.com/responsibility](https://cabotcorp.com/responsibility) for any updates to this information.

Buyer assumes full responsibility for testing and determination of suitability of a product for buyer's intended application or use according to all the applicable legal requirements.

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