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February 9, 2011

Ulrich Ix, President FERVER
C/o General Secretariat of FERVER
Blaivielaan 32
1950 Kraainem (Brussels)
Belgium

Dear Sir

Thank you for your enquiry into Owens Illinois (O-I) recent launch of black glass and specifically your interest as to the recyclability of O-I produced black glass. O-I is committed to the use of recycled glass, in fact we have announced publicly the goal of achieving 60% recycled content in glass manufacturing globally by the year 2017.

In direct response to your 7 questions, we offer the following:

1. In general: Has the recyclability of this new product been tested and if so, what were the results? **O-I produced black glass is recyclable in amber, green and mixed glass production to specified levels, see answer to question #6.**
2. In which colour of the bottle banks has the black glass to be collected and delivered back to the furnace? **Amber.**
3. Does this new black glass contain a level of more than 200 ppm Pb? **Pb is not added to create the black glass. Any Pb levels detected in the black glass would be a consequence of the cullet level used in the furnace.**
4. Are there any differences in chemical composition between transparent glass and this new black glass? **There is no significant difference in composition between O-I produced black glass and amber glass.**
5. Will this glass if mixed up in the furnace ready cullet be influencing the melt of standard transparent glass? **O-I produced black glass will be similar to other coloured glasses in influencing the melt.**
6. Will O-I accept a presence of more than 10% of this new black glass in standard green, mixed or amber cullet? **Similar to how other coloured glasses are specified, O-I's allowance for black glass cullet is 10% in amber cullet and 5% in green and mixed cullet.**
7. Does this black glass influence the colour of the flint bottle production if present with more than 5% in the flint cullet? **O-I produced black glass would have a similar influence on flint bottle production as amber or green cullet, assuming less than 2.5% presence in the flint cullet.**

As evident in the answers to your good questions, O-I's technology for producing black glass was carefully developed being sensitive to the recyclability after being introduced to the market.

If there are further questions, please advise.

Yours faithfully

A handwritten signature in black ink that reads "Judith Fields".

Judith Fields
Director, Assurance of Quality
O-I Europe