



MAR 11 1992

Food and Drug Administration  
Washington DC 20204

Mr. Brian Gallagher  
C.B.P. Engineering Corporation  
335 West 194<sup>th</sup> Street  
Glenwood, Illinois 60425

Dear Mr. Gallagher:

This is in further regard to your letter of October 31, 1991, concerning the use of your cast basalt (Basramite) as an abrasion-resistant lining material for chutes, hoppers and pipelines in contact with food. You have provided the chemical composition of basalt, a natural neovolcanic mineral, and state that the basalt is melted and cast into the desired shapes and then annealed.

We have completed our review of your submission. We find that there is little or no likelihood that components of the basalt, described in your letter of October 31, 1991, will migrate into food, because the cast basalt is annealed to form a chemically inert, wear resistant surface. In addition, the basalt will be used in the manufacture of repeat-use articles, and the concentration of any migrant would be extremely low because of the large volume of food in contact with the basalt surface. Therefore, we find that the use of your cast basalt as a component of linings for chutes, hoppers, and pipes that may contact food does not require regulation as a food additive.

If we can be of any further assistance, please do not hesitate to contact us.

Sincerely yours,

Alan M. Rulis, Ph.D.  
Director  
Division of Food and Color Additives  
Center for Food Safety  
and Applied Nutrition