

Roger Thayer

Dr. A. W. Downes
Union Carbide Plastics Company
Room 1103
30 East 42nd Street

May 22, 1959

Dr. W. B. Ackart
Dr. H. F. Smyth, Jr.
Mr. W. C. Quinby
Mr. G. T. Soriba

"Food Grade" Cast Vinyl Films

Dear Dr. Downes:

We are in receipt of the formulations of these films. A copy of your letter is being sent to Henry Smyth for his comments also.

I think the time has come when we shall need extraction studies done on the majority of such films in order to have proper data to present to the Food and Drug Administration.

We would comment as follows on these films:

(1) VBAC-9123

Although there is only 0.20% of zinc stearate in this, the Food and Drug Administration would insist on extraction studies showing that less than 50 parts per million of zinc is extracted. They have done this in the past. I am not particularly concerned about the other constituents.

(2) VBAA-9124

Same comments as for #1.

(3) VBAC-1142

The only questionable product in the mixture is Paracril CV which is a butadiene acrylonitrile rubber. The question is raised because we understand it has an unacceptable

May 22, 1959

antioxidant in it. I believe Dr. Ackart tracked this down.

In 1948 we did get a letter of acceptance from the Food and Drug Administration for a similar formulation containing Perbunan 35NS90 - 38% instead of the Paraeril CV.

(4) VBAA-9143

Same remarks would apply as for #3.

(5) VBA-3027

There would appear to be no objection to this formulation.

Very truly yours,

MEDICAL DIRECTOR

Thomas W. Hale, M. D.
mh

INTERNAL CORRESPONDENCE

THE COMPANY

Dr. A. W. Downes
Union Carbide Plastics
30 E. 42 Street

May 15, 1959

New Product Market Development

Dr. W. B. Ackart
Mr. W. J. Canavan/R. A. Calabrese
Mr. F. D. Dexter
Mr. N. B. Duffett
Mr. L. K. Merrill
Mr. J. J. Glick
Mr. J. W. McLaughlin
Mr. T. W. Sharp
Mr. W. R. Wheeler
Mr. E. R. Young

"Food grade" cast vinyl films

Thank you for your letter of May 11 in reply to mine of April 30 regarding "Krene" cast vinyl film formulations for use in contact with food products. The ideal situation is to have these films approved for use in contact with all food products. This is the premise on which these films were developed and in all cases, under the criteria existing when these films were developed, we could so certify them. It is discouraging to learn that we have to wait for new tests to be run on all these materials. If it is possible, based on our knowledge of formulation, to accept responsibility for the use of any of these formulations, until the tests are completed, this would help us in our sales efforts.

To answer your question regarding specific uses and estimate of sales potential for these films, the following list is as complete as we can make it at this time. We anticipate that additional food items may be candidates for packaging in these films at any time. I believe our objective should be to obtain unrestricted approval if possible.

Uses Sales Estimates

Uses	Sales Estimates
1. Food - 9123	100,000 lbs.
2. Food - 7-11-1	100,000 lbs.
3. Food - 12-11	100,000 lbs.
4. Food - 1-11	100,000 lbs.
5. Food - 1-11	100,000 lbs.
6. Food - 1-11	100,000 lbs.
7. Food - 1-11	100,000 lbs.
8. Food - 1-11	100,000 lbs.
9. Food - 1-11	100,000 lbs.
10. Food - 1-11	100,000 lbs.
11. Food - 1-11	100,000 lbs.
12. Food - 1-11	100,000 lbs.
13. Food - 1-11	100,000 lbs.
14. Food - 1-11	100,000 lbs.
15. Food - 1-11	100,000 lbs.
16. Food - 1-11	100,000 lbs.
17. Food - 1-11	100,000 lbs.
18. Food - 1-11	100,000 lbs.
19. Food - 1-11	100,000 lbs.
20. Food - 1-11	100,000 lbs.
21. Food - 1-11	100,000 lbs.
22. Food - 1-11	100,000 lbs.
23. Food - 1-11	100,000 lbs.
24. Food - 1-11	100,000 lbs.
25. Food - 1-11	100,000 lbs.
26. Food - 1-11	100,000 lbs.
27. Food - 1-11	100,000 lbs.
28. Food - 1-11	100,000 lbs.
29. Food - 1-11	100,000 lbs.
30. Food - 1-11	100,000 lbs.
31. Food - 1-11	100,000 lbs.
32. Food - 1-11	100,000 lbs.
33. Food - 1-11	100,000 lbs.
34. Food - 1-11	100,000 lbs.
35. Food - 1-11	100,000 lbs.
36. Food - 1-11	100,000 lbs.
37. Food - 1-11	100,000 lbs.
38. Food - 1-11	100,000 lbs.
39. Food - 1-11	100,000 lbs.
40. Food - 1-11	100,000 lbs.
41. Food - 1-11	100,000 lbs.
42. Food - 1-11	100,000 lbs.
43. Food - 1-11	100,000 lbs.
44. Food - 1-11	100,000 lbs.
45. Food - 1-11	100,000 lbs.
46. Food - 1-11	100,000 lbs.
47. Food - 1-11	100,000 lbs.
48. Food - 1-11	100,000 lbs.
49. Food - 1-11	100,000 lbs.
50. Food - 1-11	100,000 lbs.
51. Food - 1-11	100,000 lbs.
52. Food - 1-11	100,000 lbs.
53. Food - 1-11	100,000 lbs.
54. Food - 1-11	100,000 lbs.
55. Food - 1-11	100,000 lbs.
56. Food - 1-11	100,000 lbs.
57. Food - 1-11	100,000 lbs.
58. Food - 1-11	100,000 lbs.
59. Food - 1-11	100,000 lbs.
60. Food - 1-11	100,000 lbs.
61. Food - 1-11	100,000 lbs.
62. Food - 1-11	100,000 lbs.
63. Food - 1-11	100,000 lbs.
64. Food - 1-11	100,000 lbs.
65. Food - 1-11	100,000 lbs.
66. Food - 1-11	100,000 lbs.
67. Food - 1-11	100,000 lbs.
68. Food - 1-11	100,000 lbs.
69. Food - 1-11	100,000 lbs.
70. Food - 1-11	100,000 lbs.
71. Food - 1-11	100,000 lbs.
72. Food - 1-11	100,000 lbs.
73. Food - 1-11	100,000 lbs.
74. Food - 1-11	100,000 lbs.
75. Food - 1-11	100,000 lbs.
76. Food - 1-11	100,000 lbs.
77. Food - 1-11	100,000 lbs.
78. Food - 1-11	100,000 lbs.
79. Food - 1-11	100,000 lbs.
80. Food - 1-11	100,000 lbs.
81. Food - 1-11	100,000 lbs.
82. Food - 1-11	100,000 lbs.
83. Food - 1-11	100,000 lbs.
84. Food - 1-11	100,000 lbs.
85. Food - 1-11	100,000 lbs.
86. Food - 1-11	100,000 lbs.
87. Food - 1-11	100,000 lbs.
88. Food - 1-11	100,000 lbs.
89. Food - 1-11	100,000 lbs.
90. Food - 1-11	100,000 lbs.
91. Food - 1-11	100,000 lbs.
92. Food - 1-11	100,000 lbs.
93. Food - 1-11	100,000 lbs.
94. Food - 1-11	100,000 lbs.
95. Food - 1-11	100,000 lbs.
96. Food - 1-11	100,000 lbs.
97. Food - 1-11	100,000 lbs.
98. Food - 1-11	100,000 lbs.
99. Food - 1-11	100,000 lbs.
100. Food - 1-11	100,000 lbs.