Monsanto

CALL REPORT – ORGANIC DIVISION

DICTATE IN SEQUENCE:
1. HEADING INFORMATION
2. NAMES OF ADDRESSEES
3. NAMES OF CARBONEES
4. IMMEDIATE ACTION NEEDED
5. REPORT ON CALL

REPORT CAPTIONS:
1. OBJECTIVE
2. PERSONS CONTACTED
3. RESULTS
4. ACTION REQUIRED

CUSTOMER NAME					DATE OF CALL
Weyerhaeuser Company - Technical Center					1/15/71
CITY AND STATE			DATE RECEIVED		DATE TYPED
Longview, Washington			1/20/71		1/20/71
CUSTOMER MAILING LIST CHANGES – SERVICE CENTER USE ONLY					
NAME AND TITLE	PUT ON	TAKE OFF	MP	MAG.	CATEGORY CODES
REGION	SERVICE CENTER	SALESMAN			
West	Seattle	A. W. Hempelmann/fs			

TO H. N. Brell
St. Louis

Al Morgan any ideas? cpz

cc D. H. Bechtold - Chicago
W. S. Clark - St. Louis
C. P. Farley - St. Louis

~~Please route (A.L.)~~

Interviewed R. R. McNeil, Manager - Lumber and Laminated Products, Wood Products - Development Department, Development Division; J. D. Wendlick, Hardwood Products Specialist, Development Division - Panel and Molded Products Department.

~~FLAME RETARDANTS: This was an exploratory interview to determine the customer~~'s needs for flame retardancy of the products manufactured at this mill. They are aware that Phosgards are being used by their paper group at Fitchburg, Massachusetts, but so far have not found anything applicable to their needs. They have been working on fire retardant products and have two foot, eight foot and 25 foot tunnels, as well as burning chambers and other flame testing devices at their disposal in their lab. It was pointed out that the phenolic glue line in plywood panels does not give or add to slow burning properties nor does the binder for chipboard or hardboard contribute to slow burning properties. It was explained some pressure treatment with metallic salts is used and is somewhat satisfactory for interior applications but unsatisfactory for exterior applications because of leachability of the fire retardant salts. They do not feel that surface coatings of the intumescent type are satisfactory answers either as usually the coatings are poor and lack many beneficial properties from an appearance and performance standard.

In summary, after discussing Aroclors, Phosgards and Phosphates, it was determined this industry is ripe for any product or process which will impart fire retardant properties to plywood, particle board, hardboard, pressed stock, molded and panel cellulosic products. They are aware of the inorganic salts and the Phoscheks offered by Inorganic Division but neither of these are the ~~answer.~~

~~Do we in Monsanto anywhere, in any division or product line, have a candidate for this miracle application that will be economical and make these end product slower burning?~~

Thanks – I've asked W. S. Clark to obtain samples of the glue and binder. Our $Al_2O_3 \cdot 3H_2O$/phosphate system should do it. 5316/Hydral 710 paste could be a real winner. al

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al Morgan
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