FILE NAME: Owens-Corning (OC)

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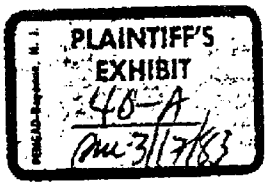
May 29, 1969

ASBESTOS-FREE INSULATION

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The answers to the questions raised by the Department of the Navy are not easy to give as would be expected or the department would not have gone to industry requesting the information.

Without considerable research, which time does not permit, our answers are limited.



The answers are as follows:

(a) Foamglas
Fiberglas Multitemp (if revived)
How about a pipe covering molded from Fiberglas Intermediate Service Board wool to 750°F
In blanket form Eagle-Picher Alumafelt and Tablock
Standard Fiberglas pipe covering to 450°F

(b) No molded materials known to us.
E-P Tablock pipe covering in blanket form good to 1400°F.

(c) Tempmat and Ercomat to 1200°F (same product).
Fiberglas Marine High Temp. Insulation to 1200°F.
E-P Superglas Molded Felt to 1800°F
E-P Mineral Fiber Blankets to 1400°F

(d) Fiberglas cloths and tapes manufactured to meet either outside or hot side temperatures according to use.

(e) No finishing cement known which does not contain asbestos fibers.

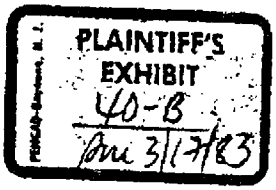
(f) Duct collection systems and breathing masks.

(g) Specifically related to Navy work it is very impractical to install dust collection systems on board ship to protect all craft workers either when installing or removing insulation materials, and all men would have to wear proven masks when available to assure total protection of every man working on board.
The direction to go is to non asbestos materials.

(h) It appears that it should be possible to go to non asbestos insulation systems at about present costs. Some allowances may have to be made for appearance or damage resistance, but this would be minor in the achievement of the objective.
This is based on the availability of a non asbestos calcium silicate pipe covering and finishing cement.

This is the time to perfect a coated Fiberglas textile fiber resistant to the base chemical conditions found in calcium silicates for use as the reinforcement in Kaylo.

Let's get rid of asbestos in the insulation industry and we can then get rid of other costly problems which are beginning to develop. This should be our number one research program at this time, as we now have the cause for this important action.



DB:kw