

MONTHLY HIGHLIGHT REPORT - AUGUST 1969
RESEARCH & DEVELOPMENT DEPARTMENT
INDUSTRIAL PRODUCTS DIVISION

SECRET - COMPANY CONFIDENTIAL

PLAINTIFF'S
EXHIBIT
GF-1581

I. INDUSTRIAL PRODUCTS (South Bound Brook)

A. Felts & Papers

Gaskets

A neoprene latex asbestos gasketing formulation has been developed in the laboratory to meet the properties of the commercial Armstrong sheet. A test run will be scheduled. A plant trial was made of rollboard (laminated asbestos paper) that has lower density and increased flexibility which should make this product more competitive.

Asbestos Flooring Felt

A second trial shipment of flooring felt was ordered by National Flooring Corporation in Alabama. This customer requires that the sheet not weave when unwound from the roll and R&D checks at Erie on the lot shipped indicate the product should meet this specification.

A second trial run of flooring felt employing Carey 7-M asbestos in place of the Johns-Manville 7-M fiber ran well and had acceptable physical properties. Ten rolls were sent to Whitehall for evaluation and approval.

B. Automotive

A machine run of a moldable bituminous mastic sheet was made employing a new formulation to achieve higher impact strength. The material is undergoing physical and sound tests and if it meets requirements, a molded, Fisher Body, rear quarter sample will be prepared for examination by General Motors.

C. Insulation

Calsilite plant trials are being conducted with a new lower purity diatomaceous earth which has shown promise in the laboratory and production test batches. If acceptable, the savings would amount to approximately \$30,000 per year. The longer runs will make it possible to determine whether product density or strength are adversely affected.

R&D trials have also established that Calsilite dry scrap can be used up to 5% in the formulation without any detrimental affect on physical properties. The scrap, however, must be pulverized in a manner that retains its fibrous nature. Waste treated through the hammer-mill at Erie indicates this can be achieved and the equipment required at Gloucester is being investigated. Raw material savings would be \$16,000 per year and the hauling away of waste would be greatly reduced.

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