

TOMOE ENGINEERING COMPANY, LTD.

(ANNEX OFFICE)
SHIN SHIN KAIKAN BUILDING
14-1, NIHONBASHI 3-CHOME, CHUO-KU
TOKYO, JAPAN

MAIN OFFICE:
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TOKYO, JAPAN

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Date of Call: February 28, 1973

Customer: DIC, Chiba Plant

Interviewed Persons:

Messrs. T. Hirahashi, Assistant Manager,
4th Technical Group,
Resin Division
T. Kayano, 4th Technical Group
K. Tode, Manufacturing Division

Visited by:

Messrs. J. L. Myers - UCC
F. S. Wada - UCSEL
H. Fukuma - TEC
S. Sumioka - TEC
T. Mito - TEC

Formally decided that RG-244 will be used for general purpose polyester resin, however, the following problems still remain.

Method of supply:

The subject plant will use 300 to 400 kgs of RG-244 per batch, (30 to 40 tons in resin amount) but as the addition of RG-244 will actually take place late at night, and as result there are problems related to labor, dust, and as the individual batch to be scaled up for the future they expressed desire that the material be supplied in 80 kg bags. Furthermore, future shipments for the future is desired in containers. To cope with their request we have for the time being concurred in having the bags repacked in 80 kg bags for ultimate delivery. UCC is to also study this matter for supplying the DIC, Chiba Plant.

RG-244 Toxicology:

Explained and provided them information emphasizing, "The Safe Use of Calidria RG-244". We are to make a translation of the English original.

Subject plant has requested bags to be supplied in containers to eliminate the dust problem.

Disadvantages of RG-244:

1. In case of adding RG-244 to polyester for gel coat use, as compared to Aerosil the boiling water resistance is poorer. However, at this plant since such use is trivial they will continue to use Aerosil as in the past.
2. RG-244 as compared to Aerosil is in fibrous state so with a 100 mesh screen plugging occurs. For this problem recommended the use of Ronningen Petter 60 mesh, GAF Basket type 60 mesh, Cuno Auto-Clean 50 mesh, or Cuno Mikro-Wynd II 45 mesh.

Questions:

Is it possible to add RG-244 to styrene and then add this to the polyester resin? Subject plant upon testing with Sylodex the T.I. did not come out. Furthermore, under the master batch method have you ever studied adding RG-244?

Sylodex:

Sylodex was successfully locally produced by Fuji Davidson Company but is not being sent to Europe. Sylodex is a 30 percent blend of asbestos against the Silica(SiO_2). What Mr. Myers received was SX-2500.