

**CASE STUDY OF “CON-TROL” DI-L & “CON-TROL” FABCLEAN IN REPUTED DUPLEX BOARD PLANT NEAR NAGPUR.**

Duplex Board Plant was facing acute problem of Hot Melt and Synthetic Gum on their Duplex Board Machine. Small chips of hot melt were observed on the top layer of the duplex board manufactured by them. That plant tried various type of stickies control chemicals offered by various chemical manufacturers but these chemicals could control stickies generated within the system by way of slime etc.

That plant therefore asked Richards Pharma about their problem and Richards Pharma offered them “CON-TROL” S.C. 2001 stickies control chemical which effectively handles stickies like hot melt, synthetic gum and wax etc.

First of all this chemical was tried in the laboratory and two type of lab sheets were prepared one without this chemical and the second sheet was prepared by using stickies control chemical of Richards Pharma. The results of lab sheets are summarized in the following table. The Chemical was doged in split dosages in Pulper and Mixing Chest.

	BLANK	0.3% PER TON OF PULP	0.50% PER TON OF PULP	0.7% PER TON OF PULP
Approx. Specks of Hot Melt & other Stickies	70	45	40	40
Approx. Specks after Centri Cleaning	50	15	11	8
Approx. Specks after Screening	40	5	4	2

After this lab trial the chemical was started in Plant scale trials and was used continuously for three days the dosages level were maintained at 0.70% per ton of waste paper. 0.5% of this chemical was added in Pulper and 0.3% were added in mixing chest. The results were encouraging and it was observed that the final specks count of Hot Melt, Synthetic Gum and Wax etc. were hardly 5 to 6 and it was further observed that the slime generation in the plant was also reduced as the consumption of slimicide was reduced. It was mentioned by Richards Pharma that this chemical will also help in reduction of felt cleaning cycle as the chemical will not allow these stickies to stick to Dryer Felts etc. Thus felt clogging will reduce.