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(54) Title: **SANITARY SHEETS MADE OF WASTE PAPER AND A PROCESS OF PREPARING SANITARY SHEET FROM WASTE PAPER**

(57) Abstract: This invention relates to an improved smudge free sanitary sheet made of waste paper and a process of preparing the same through processing the surplus newsprint and mors precisely processing used/recycled paper. The sanitary sheets are prepared by the process steps of collecting pre -consumer overprint or post consumer read newspapers; grading the collected waste newspaper; drying and sterilizing the graded newspaper by applying ultraviolet, infrared and/or gamma rays; trimming and cutting the dried sterilized sheets in appropriate sizes; applying on atleast one of the sides of the waste newspaper an aqueous coating comprising of a mixture of resin such as bleached shellac, a dye, a germicide such as Benzaikonium Chloride (BC) and/or PCMX (Chloroxylenol), a safe colour, a known deodorant and optionally cosmetic chemicals such as emollient and a foaming agent such as a detergent. The improved sanitary sheets prepaid by the present cost effective invention has taken care of any toxic effect on human skin to make those hygenic and aesthetic and the discarded sheets being biodegradable, the present invention is environment friendly. The sanitary sheets from present invention has various wide applications such as a single use barrier in outpatient beds of clinics or on x-ray tables, safe paper bags for carrying dry stuff, a mat on a publicly used seat like gynr, safe pet care , paper towel, toilet paper, sanitary napkin, child diapers, adult incontinence products etc.



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