



TECHNICAL #166

BULLETIN

Enviroset Process Inks

EnviroSet is the latest addition to Gans' soy based ink line. These four-color process inks combine the benefits of an environmentally desirable soy based vehicle with the working properties of Gans' Mach I inks. Due to EnviroSet's wide ink/water balance tolerance, they achieve print color faster during make-ready and remain stable for density after short down times.

EnviroSet's composite formulation exhibits excellent gloss, set and rub resistance with outstanding transfer, dot reproduction and good blanket stability. Suited for coated and uncoated substrates.

EnviroSet does contain a small percentage of wax. However, they are fully imprintable, foil stampable and coatable with either aqueous or U.V. coatings. In view of this, wax-free EnviroSet inks are not necessary and therefore not available. Unlike Soy Plus, the EnviroSet process inks do not qualify for the "Printed with Soy Oil" label as sanctioned by the American Soybean Association.

V.O.C. content is between 14% - 16% depending upon the tack range chosen:

Low Tack

Description	Ink No.	Tack
EnviroSet L.T. Process Black	19977	14.0
EnviroSet L.T. Process Cyan	19978	12.5
EnviroSet L.T. Process Magenta	19979	11.0
EnviroSet L.T. Process Yellow	19980	95
Average V.O.C. 16%		

Medium Tack

Description	Ink No.	Tack
EnviroSet M.T. Process Black	19908	17.0
EnviroSet M.T. Process Cyan	19909	15.5
EnviroSet M.T. Process Magenta	19910	14.0
EnviroSet M.T. Process Yellow	19911	12.5
Average V.O.C. 15%		

High Tack

Description	Ink No.	Tack
EnviroSet H.T. Process Black	19127	20.0
EnviroSet H.T. Process Cyan	19128	18.5
EnviroSet H.T. Process Magenta	19129	17.0
EnviroSet H.T. Process Yellow	19130	15.5
Average V.O.C. 14%		

Note: All tack readings are at 1200 r.p.m., 1 minute, 90 degrees Fahrenheit, T.A. 101.

GANS INK & SUPPLY COMPANY

1441 BOYD STREET ❖ LOS ANGELES ❖ CA ❖ 90033
(800) 421-6167 ❖ (323) 264-2200 ❖ FAX: (323) 264-2916