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Hauthane HD-2113

DESCRIPTION: A very hard, aliphatic, polyester-based, aqueous polyurethane dispersion specifically developed for factory coated PVC flooring.

SUGGESTED USES: **HD-2113** is ideally suited for PVC roll or sheet goods requiring maximum stain and abrasion resistance without the requirement for 180 degree reverse bend.

CHARACTERISTICS:

- < Very high gloss
- < Excellent mar and wear resistance
- < Exceptional stain resistance
- < Contains n-methyl pyrrolidone (NMP) co-solvent

APPLICATION: **HD-2113** may be used as a sole vehicle or blended with acrylic emulsions for spray, rotogravure, reverse roll, flexible blade, or wire wound rod applications. Rheology modifications can be made with associative thickeners for alternative application methods.

CURING: **HD-2113** should be dried by forced hot air or heat lamp before entering oven. Typical drying temperatures and dwell times for aqueous coatings are sufficient to produce optimal film properties. Maximum performance is attained with additions by weight of 4% melamine or 3% polyaziridine crosslinker.

PHYSICAL PROPERTIES

SOLIDS	33%(+/- 1%)
VISCOSITY	75-200 cps
pH	7.5-10.0
DENSITY	8.8 lbs/gal.
SOFTENING POINT	365 F
VOC CONTENT	126 gm/l
SWARD HARDNESS	60

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)

ELONGATION	10%
TENSILE STRENGTH >	8500 psi
100% MODULUS	NA
200% MODULUS	NA
300% MODULUS	NA