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Hauthane HD-2139

DESCRIPTION: An aliphatic, polyester-based, aqueous urethane dispersion specifically developed for factory coated PVC flooring.

SUGGESTED USES: **HD-2139** was developed as a high gloss, no wax topcoat for expanded PVC flooring. Can be factory applied as a fused coating during PVC expansion. HD-2139 is ideally suited for PVC roll or sheet goods requiring a 180 degree reverse bend.

CHARACTERISTICS:

- < High gloss
- < Excellent mar and wear resistance
- < Excellent resistance to staining
- < Remarkably high balance of physical properties
- < Contains n-methyl pyrrolidone (NMP) co-solvent

APPLICATION: **HD-2139** can be used as a sole vehicle or blended with acrylic emulsions and applied by rotogravure, reverse roll, flexible blade, or wire wound rod. It may be thickened for alternative application methods.

CURING: **HD-2139** 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 5% HA-801 melamine crosslinker or 4% HA-800 aziridine crosslinker.

PHYSICAL PROPERTIES

SOLIDS	33%(+/- 1%)
VISCOSITY	50-150 cps
pH	7.0-9.5
DENSITY	8.7 lbs/gal
SOFTENING POINT	360EF
VOC CONTENT	122 gm/l
SWARD HARDNESS	50

TENSILE PROPERTIES

(TESTED AT 2 INCHES/MINUTE)

ELONGATION	135%
TENSILE STRENGTH	>6000 psi
100% MODULUS	5700 psi
200% MODULUS	NA
300% MODULUS	NA