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Hauthane HD-2120

- DESCRIPTION:** A very hard, aliphatic, polyester polyurethane dispersion.
- SUGGESTED USES:** **HD-2120** was developed for use on flexible and rigid PVC. Coatings containing this polymer form hard, tough, hydrolysis-, chemical- and stain-resistant films, which approach 2-component polyurethane performance levels. Superior adhesion to PVC makes it the ideal candidate for automotive interior parts, vinyl furniture and components.
- CHARACTERISTICS:** Superior adhesion to PVC
Excellent UV resistance
Exceptional alcohol resistance
Humidity resistance
Contains n-methyl pyrrolidone co-solvent
- APPLICATION:** **HD-2120** can be used as a sole vehicle or blended with acrylic emulsions for spray, dip or rotogravure applications. It can be thickened with associative thickeners for alternative application methods.
- DRYING:** The addition of coalescing solvent is recommended to achieve optimal film formation with **HD-2120**. In ambient-cured systems the addition of 5-10% coalescing solvent is suggested. Less coalescing solvent is required in heat-cured systems to attain comparable film properties. Typical drying temperatures and dwell times for aqueous coatings are sufficient to optimize film characteristics.

PHYSICAL PROPERTIES

| | |
|------------------------|-------------|
| SOLIDS | 35%(+/- 1%) |
| VISCOSITY | 50-500 cps |
| DENSITY | 8.8 lbs/gal |
| pH | 7.5 - 10.0 |
| SOFTENING POINT | 355° F |
| VOC CONTENT | 134 gm/l |
| SWARD HARDNESS | 52 |

TENSILE PROPERTIES

| | |
|-----------------------------|----------|
| (TESTED AT 2 INCHES/MINUTE) | |
| ELONGATION | 35 % |
| TENSILE STRENGTH | 8500 psi |
| 100% MODULUS | NA |
| 200% MODULUS | NA |
| 300% MODULUS | NA |