

# SYNTRAN® 1693

Technical Information

SYNTRAN® 1693 is based on our proprietary self-crosslinking technology. This technology combines two different crosslinking mechanisms on the same polymer backbone substantially increasing the chemical resistance stain resistance and water resistance. This technology was designed for the self-crosslinking mechanism to fully cure at room temperature, but maintains long-term shelf stability.

## Performances

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<b>Applications</b>	Label, board and packaging coatings (OPV) Concrete sealers Furniture coatings (KCMA)
<b>Features and Benefits</b>	Excellent household stain resistances Excellent alkali submersion resistance Excellent water submersion resistance Excellent adhesion to multiple substrates Film has very high gloss, flexibility with good printability Zero VOC requirements to formulate coating

## Typical Chemical and Physical Properties (do not constitute specifications)

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<b>Physical form</b>	White to light tan emulsion
<b>Solids content</b>	42.0%
<b>pH value</b>	7.5
<b>Viscosity</b>	< 200 cps
<b>Density</b>	1.050
<b>MFFT</b>	15°C
<b>Freeze-thaw stability</b>	Protect from freezing
<b>Stability at 52°C</b>	Unchanged after 30 days

## Safety, Storage, Handling

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Please refer to Safety Data Sheet.

Shelf life: 12 months from shipping date in originally sealed containers.

Storage: between 5°C and 35°C.

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