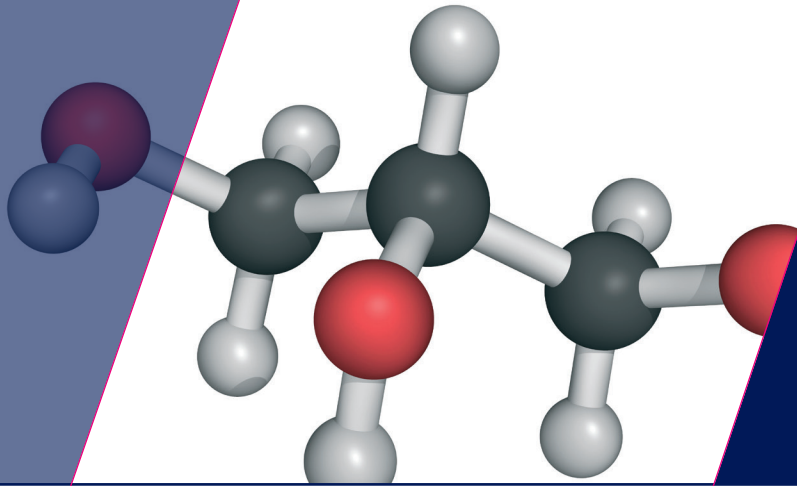




# SOLVENT RESISTANCE



A representative product of EOC's new self-crosslinking copolymers of acrylic esters, BC 6217, has been evaluated for its resistance against a number of different solvents.

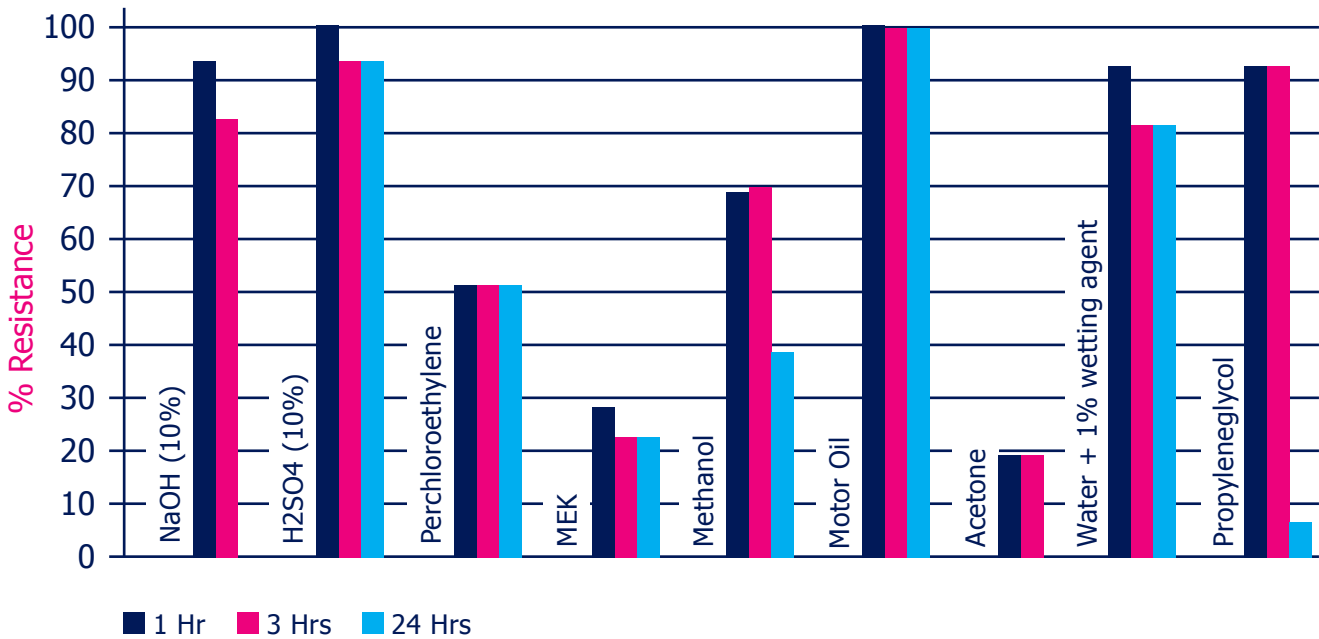
PRODUCT	SOLID CONTENT (%)	T <sub>g</sub> (°C)	pH	VISCOSITY (mPas@23°C)
BC 6217	46	-33°C	4.0 - 5.0	< 500

## TEST METHOD



- Out 0.4 mm thick films, 5cm x 5cm squares were produced.
- Films were first dried at room temperature and subsequently cured for 3 minutes at 160°C.
- Squares were submerged into the different solvents and the % increase in area was measured after 1, 3 and 24 hours.
- Results are expressed as a % resistance and are calculated as follows: 100% - % area increase.

## RESULTS



If no 24 hours result is shown, this means that the film was completely disintegrated.

## CONCLUSIONS



BC 6217 and by analogy all the products in the self-crosslinking emulsions range (BC 62xx-series) show excellent solvent resistance.



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