

# Product Data Sheet

## NeoCryl® HP-1000

The NeoCryl® HP1000 has been designed to have excellent adhesion properties for a broad variety of substrates that are typically very difficult to stick to, including ceramic tiles, metals; like galvanized steel, aged alkyds, plastics eg.

Formulations based on NeoCryl® HP-1000 can be developed at a very low VOC level to meet up with the latest safety and health aspects that is demanded from market and legislation.

Product characteristics  
100% Acrylic

### Properties

- Excellent adhesion profile
- Multi substrate adhesion
- Very quick drying time
- Very low VOC
- Low in odor
- Interior & exterior

Recommendations for end-use  
Decorative primer applications

Formulating guidelines  
See our guide formulations for specific information

Delivery form: 44.5% solids in water.

### Product specifications

Property	Range	Unit	GAP
Appearance	Whitish / milky		0059
Total solids	43.5 - 45.5	%	0001
pH	7.5 - 8.5		0016
Visc. Brookfield 25°C	< 450	mPa.s	0020

### Other product data

Property	Value	Unit	GAP
MFFT	< 5	°C	0011
Density 20°C	± 1,03	Kg/L	0006
VOC (theoretical)	± 0,06	%	
Free monomer	Max. 500	PPM	0118
CMIT/MIT (3:1) (casno. 55965-84-9)	0.0014	%	0222
BIT (casno. 2634-33-5)	0.024	%	0222

### Test methods

Test methods (GAP) referred to in the table(s) are available on request.

### Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-40°C.

Exposure to direct sunlight should be avoided.

### Shelf life

Under above mentioned storage conditions, the shelf life of the resin will be 12 months ex work.

### Material safety

A Material Safety Data Sheet for this product is available on request.

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