



# Product Data Sheet Acrylic Co- Polymer

## CHEMICAL & PHYSICAL PROPERTIES:

Properties	Value
Chemical Composition	Acrylic Resin
Appearance	White beads
Melting Point °C	130 to 140
Solids content	99.60%
Molecular weight	Avg 40000 (2% peak @ 1000000)
Glass transition temp (T <sub>g</sub> )°C	61
Density, kg/l	1.07
Acid Value KOH/gm	8
Solubility parameter	Soluble in Toluene,Xylene,ketone,Alcohol etc

## ADVANTAGES:

- Fast drying
- Water resistance
- Abrasion resistance
- Crystal clear end products
- Better thermal & chemical resistance
- Wide compatible range with plasticizer
- Wide solubility range with ketone,aromatics,alcohols,chlorinated products
- Early Hardness

## Application:

- Concrete coating
- Paver block coating & floor coating
- Water proof coatings
- Road marking paints
- NC lacquer and coatings
- PVC coatings & Inks
- Synthetic enamel
- Liquid printing Ink
- Polymer & plastics
- Leather coatings
- Textile coatings



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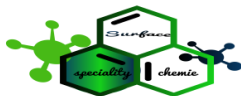
**SOLUTION PROCESS:** 15-30% Solid resin to be dissolved in solvent under continuous agitation with proper cooling jackets, or better dilution melt the polymer @50 DEGREE C then slow adds solvent under same condition.

Preferred solvents are: Toluene, xylene, chlorinated solvent, IPA, DAA, ketones, ethyl acetate etc.

Plasticizers are: Benzoate, adipate, phthalate, phosphate, ESO,ELO,Citrate,sebacate etc

Pack size: 25 kgs bag

Self Life: 2 years from manufacturing



The technical information and specifications contained in this data sheet are based on careful investigations and given to the best of our knowledge. Nevertheless circumstances under which the product is used in practice are subject to many variations.

Marketed by

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