

MCT5AMF solution is a copolymer of vinyl acetate and crotonic acid in an ammonia neutralised ethanol/water mixture. It is designed for use in the production of inks and coatings as well as modification of adhesives.

For further information regarding this product please refer to:

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## FEATURES

Miscible with many organic solvents

Solution polymer

Rapid penetration and binding

Excellent adhesion to metals

MCT5AMF is manufactured on a dedicated polymerisation plant and is produced in the form of a colourless to pale yellow, slightly hazy solution.

Property	Typical Value	Unit	Method <sup>1</sup>
Total Solid Content	49.0 ± 1.0	%	MTP1
Viscosity@25°C	1.800 - 4.200	mPa.s	MTP10
pH	7.5 - 9.0		MTP7
Typical molecular weight	36.000	Da	
Density	1.05	g/cm3	
Tg (polymer)	+46	°C	
Flash point	+22	°C	
Appearance	Colourless to pale yellow solution		

<sup>1</sup> internal method based upon the specified norm

## Application Advice

Dilution - MCT5AMF is miscible with water and many organic solvents such as lower alcohols, ketones, aromatic hydrocarbons and esters. If diluting MCT5AMF with water, care must be taken to keep the pH of the solution >7.0. Compatibility - MCT5AMF may also be combined with other M Grades in an appropriate solvent. It is also possible to combine MCT5AMF with many dispersion polymers at alkali pH, to improve stability and performance such as penetration and adhesion.

Ink binder, pigment dispersant in aqueous pastes, interior and exterior primers, adhesion promoter, alkali removable inks and adhesives.

## Shipping and Storage

The product should be stored in a cool, dry place, where care must be taken to keep the containers tightly sealed and to observe regulations on the storage and handling of products containing solvents. MCT5AMF solution should be stored in sealed containers as received. Loss of ammonia or ethanol may result in the product separating into two layers or appearing cloudy. In this situation, the solution can be remixed by adding ammonia and/or ethanol as required. In the original sealed drums the product should remain fit for use for 12 months from the date of delivery. Product stored longer than 12 months should be tested before use.

MCT5AMF is supplied in 220 litre antistatic plastic drums and the minimum order quantity is 800kg.

## **Product Safety**

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.