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# EVA ART

## ETHYLENVINYLACETATE IN AQUEOUS DISPERSION

### TECHNICAL PROPERTIES

Base resin:	ethylvinylacetate copolymer (EVA)
Appearance:	white, milky liquid
Solids content:	50%
Viscosity at 20°C:	1500-2500 mPa.s
pH:	7,0 ± 0,5
Density:	1.1 kg/dm <sup>3</sup>
Particle average diameter:	0.3-1.8 micron
Glass transition temperature (Tg):	14°C
Minimum film forming temperature (MFT):	3°C
Elongation at break (ISO 527 – UNI 8422)	750%
Ultimate tensile strength (ISO 527- UNI 8422)	7 N/mm <sup>2</sup>

### DESCRIPTION

An aqueous dispersion of an ethylvinylacetate (EVA) resin with excellent properties of ageing resistance.

It does not contain plasticizers and coalescing agents.

### APPLICATIONS

**EVA ART** can be used in all the fields of conservative restoration as:

- adhesive for paper documents;
- strengthener and fixative of paint layers;
- binder for natural and synthetic pigments;
- binder for glazes and whitewashes.

### PROPERTIES

The amount of ethylene in the ethylene-vinyl acetate copolymer has been calculated in such a way as to ensure at the same time a low value of the minimum film forming temperature (TMF) and high toughness and low stickiness of the film.

**EVA ART** dispersion presents a rheology of pseudoplastic type; this feature gives good application characteristics to pigment-**EVA ART** mixtures.

Anyhow, we suggest making some preliminary tests in order to check the compatibility and the efficacy.

We can then summarize the properties of the films:

- excellent resistance to yellowing and to UV light;
- high flexibility;
- good film clarity;
- excellent binding properties;
- high compatibility with pigments and fillers;
- low stickiness;
- high alkali resistance.

### PACKAGING

**EVA ART** is available in **1** and **5 kg** pack sizes.

### STORAGE

**EVA ART** has a practically unlimited shelf life. Keep the product in its original packaging tightly closed at the temperature of about 20°C.

**EVA ART CANNOT STAND THE FREEZE;** it may coagulate at approx. 5°C.

Information contained in this data sheet is based on our state of knowledge and on laboratory testing at the above-specified date. The User should determine, by preliminary tests, the suitability of the product for his intended purpose, and should observe the laws and regulations regarding health and safety.

C.T.S. S.r.l. guarantees the constant quality of the product but is not accountable for any damages caused by the incorrect use of a material. The product is intended **for professional use only**. In addition, the components and packaging can change at any time, without any obligation of prior notice.