DA-117 is a suitable emulsion used for construction applications, as well as general adhesives for relatively hard substrates.

Typical applications for DA-117 emulsion are as follows:

- Joint compounds and decorative coatings
- High filler loading plaster
- Carpet back coatings

DA-117 is a general purpose copolymer emulsion that can be used in the adhesion field but especially for the improvement of all kinds of mineral bound building materials.

### INTRODUCTION

DA-117 is a non-plasticized aqueous milky white dispersion of a vinyl acetate-ethylene copolymer with high solid contents developed to provide a versatile base for construction application. After evaporation of its water content, DA-117 forms a flexible film with best adhesive properties for broad applications.

DA-117 exhibits typical vinyl acetate-ethylene adhesion to polar and non-polar surfaces. It also provides the flexibility of film at the low temperature and good creep resistance against high temperature.

From the viewpoint of industrial applications, the compatibility of raw materials is considered important to manufacturers.

DA-117 also possesses excellent compatibility with other emulsions because it is stabilized with HEC.

It is also compatible with most plasticizers, thickeners and additives used for vinyl acetate-ethylene copolymer bases.

DA-117 emulsion can accept high loadings of dry fillers and wets them well. Good machine ability and higher filler loading capabilities offer high loadings of such fillers as calcium carbonate and clay without appreciably changing the viscosity.

### RECOMMENDED APPLICATIONS

DA-117 should be stored in sheltered areas at temperatures between 5 and 40 °C; do never store under freezing conditions. Soft lumps or skins may tend to be formed during transportation and storage, therefore filtration is recommended before use. If the product is not transferred completely at one time, the user shall take adequate precautionary measures to prevent the possible formation of lumps or skins on the product. Opened containers should be closed soon to prevent skinning. If the product is stored for a longer period, stirring is recommended before use. Shelf life of DA-117 is minimum 6 months, provided the product is stored in original, unopened containers under proper conditions. Stirring is required before utilizing the product if it has been stored for a longer period.

DA-117 is adequately preserved to prevent microbial contamination. However, if the product is kept in original containers which have been opened, or is transferred to other tanks, the product should be added with suitable preservative package to protect it against...
microbial attack. Equipment and facilities used to transfer the product should also be kept adequately clean. Finished products manufactured from polymer emulsions usually also require preservation.

SAFETY NOTICE

Material Safety Data Sheets are available on request from sales offices or may be printed via website www.dcc.com.

PACKAGING

Iron drum 220Kg/ PE IBC 1.1 MT/ Flexible bag/ road tanker

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