



DA-140L

Dairen Chemical Corporation

VAE Emulsion

PRODUCT SPECIFICATIONS

	Inspection Method	Value
Solids content	DCC method	54.5 %min.
Viscosity at 25 °C	DCC method	500 - 1000 mPa.s
pH	DCC method	4.5- 6.5

TYPICAL PROPERTY

	Inspection Method	Value
Film Appearance	Visual	Clear, glossy
Tg	DCC method	0 °C
Stabilizing System		Polyvinyl Alcohol

INTRODUCTION

DA-140L is a non-plasticized aqueous milky white copolymer dispersion based on vinyl acetate and ethylene. After evaporation of its water content, DA-140L forms a flexible film with best adhesive properties for broad applications.

In generally, DA-140L is used as general adhesive for packaging, bookbinding, and bonding for cigarette papers.

It shows good resistance against aging, light or saponification. As a result, the durability of your products could be enhanced with usage of DA-140L and suitable applicative industrial formulations. Besides, DA-140L is very friendly product for our environment.

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

Compatibility with different tackifiers, plasticizers, solvents and extenders is generally good, although this has to be checked in each individual case of course.

RECOMMENDED APPLICATIONS

As mentioned before, DA-140L provides a soft and flexible film to porous substrates of all kind of common materials.

The popular use of DA-140L is for bonding different substrates, like

- cigarette papers
- printed paper
- lacquered paper

SAFETY & STORAGE

In general, DA-140L is considered safe for its intended use. However, as this class of products always contains minor amount of residual vinyl acetate monomer, adequate ventilation is recommended in rooms where DA-140L is handled. Generally when working with polymer emulsions, protective clothes, gloves and also goggles should be used. Splashes on the skin or in the eyes should immediately be removed by irrigation with clean water.

DA-140L should be stored in sheltered areas at temperatures between 5 and 40 °C; do never store under freezing conditions. Opened containers should be closed soon to prevent skinning. It is recommended to use the emulsion within 6 months. Finished products manufactured from polymer emulsions usually also require preservation.



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ADDITIONAL INFORMATION

When DA-140L is used in application we do not mention, the usage of DA-140L is the responsibility of purchaser.

The usage and processing must be complied with related legal regulations.

Our product conforms to the food contact clearance:

FDA 175.105

FDA 176.170

FDA 176.180

BfR XIV

SAFETY NOTICE

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

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of products is guaranteed under our General Conditions of Sale. Neither Dairen nor its agents nor its distributors accept liability for damages arising from the use of our product or our recommendation. The recommendations should be evaluated by the customers' different operating conditions and raw materials. It is our customers' responsibility to avoid infringement of the rights of third parties. We reserve the right to modify the document as the technical development.