



ACOUSTICRYL™ AV-1120 Emulsion

New Acrylic Polymer Designed for Sound Dampening Applications

Regional Product Availability

EMEA

Description

ACOUSTICRYL™ AV-1120 Emulsion, which is powered by AVANSE™ Latex Technology, is an acrylic copolymer emulsion designed specifically for the use in sprayable waterborne damping coatings.

Key Attributes

This latex is based on AVANSE™ Latex Technology which provides the capability to create unique composite particles in the coating through the increased interactions between the AVANSE™ latex particles and the surfaces of the fillers.

Due to this unique technology, this latex allows for coating formulations with some combination of the following:

- Improved damping performance at equivalent weights vs. formulations based on conventional latexes.
- Equal performance with a significant reduction in the coating weight required vs. formulations based on conventional latexes.
- Formulation flexibility to use less latex and formulate at higher filler levels without a significant drop in performance vs. formulations based on conventional latexes.
- Formulation flexibility to increase the level of platy fillers which are better for damping vs. conventional latexes which cannot incorporate as much of these platy fillers.

This latex will provide coatings that can be applied at high thicknesses and result in minimal blistering and bubbling with high temperature oven bake(s).

This latex is non-ammonia neutralized which results in low odor formulations ideal for paint shop applications.

Typical Properties

These are typical properties, not to be construed as specifications

Property	Typical Values
Appearance	Milky white liquid
Solids content	54%
Viscosity (25°C)	< 500 mPa.s
Density (wet)	1.05 g/ml
pH	9
Tg	-10°C

Handling Precautions

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Storage

Store products in tightly closed original containers at temperatures recommended on the product label.

Disposal Considerations

Dispose in accordance with all, local or national regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local or national regulations. Contact your Dow Coating Materials Technical Representative for more information.

Chemical Registration

Many countries within EMEA require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. Dow does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

Note on EMEA Product Line

Product availability and grades vary throughout the countries in the EMEA area. Please contact your local Dow Coating Materials representative for further information and samples.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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