



AQUASET™ 1894

100% Acrylic Based Polymer

Regional Product Availability

- Asia-Pacific

Description

AQUASET™ 1894 is one formaldehyde-free*, 100% aqueous acrylic based polymer designed to enable replacement of aminoplast resins such as melamine, phenol and urea formaldehyde. This polymer is suggested for use as one part of binder reagent for specialty applications requiring thermosetting capability, such as fiberglass webs used in ceiling tiles, thermal insulation and acoustic insulation material for buildings, steel structure and industrial usage.

Key Features

Advantages of thermoset formulations containing this material include:

- Formaldehyde-free*
- Waterborne
- Virtually no VOC
- Excellent strength properties
- Low-flame response
- Low foaming
- Excellent runnability
- Thermal stability

Typical Properties

(These properties are typical but do not constitute specifications).

Property	Typical Values
Appearance	Clear / Hazy Liquid
Solids, by weight, %	50.00-57.00
Density (g/ml), wet	0.90-1.20
pH	3.0-4.1
Viscosity (Brookfield LV #2, 12 rpm), cps, 25°C	50-1000

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

Dispose in accordance with all local, state (provincial) and federal 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, state (provincial) and federal regulations. Contact your Dow Construction Chemicals Technical Representative for more information.

Chemical Registration

Many countries within the Asia-Pacific 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 Asia-Pacific Product Line

Product availability and grades vary throughout the countries in Asia-Pacific. Please contact your local Dow Construction Chemicals 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.

Contact:

Australia / NZ +61-3-9272-4222
South East Asia +65-6861-1077
Greater China +86-21-3851-1000
Japan +81-3-5460-2150
Korea +82-11-265-3736
India +91-22-6602-8888
<http://www.dowconstructionchemicals.com>

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