

# CRAYVALLAC® WW-1074

Water Based Dispersion of Polyethylene Wax

## Product Benefits

CRAYVALLAC® WW-1074 is a 40% active dispersion of polyethylene wax in water.

The low viscosity and high active content of this dispersion, together with freedom from dust, assist the efficiency of manufacturing processes.

CRAYVALLAC® WW-1074 provides the formulator with the means of controlling the frictional characteristics of a coating as well as enhancing its surface protection properties.

CRAYVALLAC® WW-1074 is readily dispersed into coating formulations using a variety of techniques. It also retards the settlement of pigments and assists in their re-dispersion.

The use of pre-dispersed waxes, such as CRAYVALLAC® WW-1074, avoids the inconveniences commonly associated with micronised powders. Dispersions by nature are also easier and more efficient to incorporate, as they require less intensive processing.

Due to the multitude of formulations, processing methods and application conditions used in the field, we strongly recommend that all products containing CRAYVALLAC® WW-1074 be tested thoroughly to ensure suitability for their intended end use.

## Performance Benefits

- Pre-dispersed
- Easy to incorporate
- Excellent storage stability
- Enhances slip
- Imparts excellent abrasion, scratch and rub resistance

CRAYVALLAC® WW-1074 is suitable for use in the following water-based applications:

- Inks
- General industrial coatings
- Metal decorating
- Coil coating

## Recommendations for Use

Generally 1.0–6.0% based on total formulation

## Sales Specifications

Specific gravity (CR006) 1.01 ± 0.01

## Other Properties

Appearance Low viscosity white dispersion

Viscosity @25°C (CR008) Approx. 100 mPa.s.

Solid content (CR009) Approx. 40%

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## Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: [www.arkemacoatingresins.com](http://www.arkemacoatingresins.com)

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

## Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 5°-30°C. Under these conditions the product may be stored for up to 24 months from production date.



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