



MAINCOTE™ 4950 Resin

Waterborne Acrylic Resin for Industrial Coatings

Description

MAINCOTE™ 4950 Resin is an aqueous acrylic emulsion polymer that facilitates the formulation of coatings to less than or equal to 50 g/L VOC for use in light to medium duty maintenance and protective coatings applications and general industrial metal finishing applications. It offers excellent exterior durability and corrosion resistance, and ease of formulation with excellent paint stability.

MAINCOTE 4950 Resin offers improved corrosion resistance versus current direct-to-metal (DTM) finish coats formulated below 100 g/L. It also offers good architectural gloss and trim paint properties. Low coalescent demand allows compliance with stringent VOC regulations.

Features and Benefits

- 50 g/L VOC capability
- Excellent corrosion resistance
- Excellent hardness properties
- High gloss capability
- APEO-free (made without the use of APEO surfactants)

Typical Physical Properties

These properties are typical but do not constitute specifications.

Property	Typical Values
Appearance	White milky liquid
Solids (wt %)	48.5
pH	8.5 – 9.5
Viscosity (Brookfield #2, 60rpm)	< 500 cP
MFFT	14 °C
Density (lb/gal)	8.60

Potential Applications

- Industrial Maintenance Finishes for steel and concrete
- Commercial Architectural Finishes for metal and concrete
- Institutional Coatings
- DIY Metal Coatings
- General Industrial Finishes for metal
- Transportation Coatings (e.g., railcar, shipping containers)

**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, 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 Coating Materials Technical Representative for more information.

**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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884-00471-0314-NAR-EN-CDP
April 2014, Rev. 0