



## Technical Data Sheet

# OROTAN™ 731A

Dispersant

## Description

OROTAN™ 731A is an extremely versatile pigment dispersant for acrylic, acrylic-styrene and vinyl acrylic based coatings. This sodium salt of a maleic anhydride copolymer is very effective as a general dispersant in coating applications. It offers good gloss and hiding at economical use levels. In addition, when formulated with a high-performance binder and other high-quality additives, it can offer excellent corrosion resistance to coatings formulations.

## Applications

- Primers
- Low VOC paints
- Interior/exterior flat
- Sheen semi-gloss paints and high gloss topcoats
- Acrylic waterproofing membranes

## Benefits

- No added formaldehyde
- Excellent gloss development
- Very effective with inorganic pigments and high efficiency performance
- Can offer reduced dispersion times and increased hiding through efficient dispersion
- Ability to enhance performance of specialty coatings
- Corrosion resistance

## Physical Properties

Appearance	Clear yellow liquid
Solids (Wt. %)	25
pH	10.4
Density, g/mL	1.100
Viscosity, @ 25°C, cPs	< 130

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

## Health & Safety Considerations

Safety Data Sheets (SDS) is available from The Dow Chemical Company. SDS is provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. SDS is updated regularly, therefore, please request and review the most current SDS before handling or using any product. For further questions consult your Dow contact person.

## Handling & Storage

OROTAN™ 731A should be stored at temperatures between 1°C and 49°C in tightly sealed containers. Avoid freezing of the material. Local legislation on storage must be followed.

We recommend using the product under safety precautions as described in the SDS. Avoid contact with eyes and skin. Large quantities should be handled in a correctly ventilated area. Material can create slippery conditions. As the product contains water corrosion-resistance equipment should be used for processing. Low shear pumps like diaphragm pumps should be used.

## 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

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