

CASTUNG® 235
Technical Data Sheet



Product Identification

Castung® 235 is a 100% solids water dispersible, dehydrated castor oil, polymer developed to improve the adhesion of latex paints to chalky substrates and as a VOC modifier for water reducible alkyd systems.

Castung® 235 will self emulsify into both emulsion and waterborne coatings and will dry with the addition of common paint driers. Castung® 235 is derived from pure castor oil and maintains the favourable castor oil properties of improved exterior durability and less yellowing than other natural oils.

Physical Properties

Property	Value
Form	Clear amber liquid
Acid Value	4
Color, Gardner	4
Density, lbs./gal, 25° C	7.85
Flash Point, COC, °F	580
Iodine Value	125
Non-Volatile, %	100
Saponification Value	190
Specific Gravity, 25° C/25° C	0.944
Viscosity, Gardner	Z

Applications

- To improve adhesion in latex coatings a use level of 15 to 25% on resin solids is recommended
- For post addition a level of 1 pint per gallon is recommended
- Driers should be added to the Castung® 235 prior to addition
- When Castung 235 is used as a VOC modifier in water reducible alkyd coatings it can be added in the manufacturing process or it can be post added
- Driers should be the water reducible type as recommended by the alkyd resin manufacturer and can be added in the standard manner

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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