



Logistics & Marketing Office

Harmony House, Plot 77/77, RSC-9, Gorai -1,
Borivli (West), Mumbai – 400 092. India.
Tel: +91-22-2860 8000 (100 Lines) / 2860 3611 / 22 / 33
Fax: + 91 – 22 – 2860 3600

E-mail : sales@additive.in / harmonyadditive@yahoo.com

Web Site: www.harmonyadditive.com / www.additive.in / www.antifoams.co.in

Manufacturers & Exporters

Defoamers, Dispersants, Thickeners, Anti-settling, Flow Modifiers,
Surfactants & Speciality Chemicals

U.A.E.

P.O. Box No.29453

Dubai, U.A.E.

Tel: + 971 – 4 – 3539449

Fax: + 971 – 4 – 3973634

Additive 5187

(Surfactant - Dispersing Agent)

Introduction:

Manufacturing of quality “Aqueous Paste” is a complex process. “Additive 5187” is efficient Non-ionic, Eco-friendly Dispersing Agent. It is a combination of proven surfactants as to achieve enhanced compatibility with host of ingredients used in Paints, Aqueous Inks, Textiles, Concrete, Latex Emulsions etc.

Advantages:

- Aqueous Paste based on “Additive 5187” forms homogeneous mixer with Distempers, Emulsion Paints, and Textured Paints, also it is ideally suitable for Textile Printing and host of other Aqueous Systems..
- Aqueous Paste based on “Additive 5187” eliminates streakiness.
- Additive 5187 is APEO Free.

Technical Data:

Form	:	Clear Liquid
Color	:	Clear Colorless
pH	:	7.0 (10 g/l water)
Boiling Point (°C)	:	300
Melting Point (°C)	:	25
Flash Point (°C)	:	175
Flammable Limit	:	Not applicable
Auto Ignition Temperature (°C)	:	500
Density (g/ml)	:	1.08
HLB	:	13.8 (Approx)
Solubility	:	Water-soluble

Dosage on Pigment Content:

Pigment	Titanium Dioxide	Inorganic Pigments	Organic Pigments	Carbon Black
Dosage	8 to 10%	10 to 12%	15 to 18%	15 to 25%



Guideline for Usage:

Premix Water, Preservative, Glycol and Additive 5187 in S.S. container. Add Pigment/s. Subject it to agitation for about 30 minutes. Add small quantity of Defoamer to control foaming. Charge the Mixture thus formed to Dispersion Mill. Run it till Dispersion is achieved. Add Defoamer at regular interval to control foaming and achieve proper Dispersion. Discharge the contents from Mill. Add thickener to achieve desired consistency (if required).

Start Point Formulation Example:

Fast Green

Phthalocyanine Green 7	:	35.000Kg.
Blanc Fixe	:	8.000Kg.
Additive 5187	:	6.000Kg.
DEG or Propylene Glycol	:	8.000Kg.
Defoamer	:	2.000Kg
Preservative	:	0.200Kg
Water	:	41.000Kgs.

Note:

- For Pigment Emulsion / Pigment Concentrate with Low Pigmentation, replace Pigment qty by Water.
- Blanc Fixe is good colour carrier.

DISCLAIMER

This product is manufactured to rigid control Specifications. It is impossible to control the use & application. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Therefore, Harmony's sole liability is limited to replacing quantities of products proven to be defective. Harmony disclaims any liability for the cost of other Raw Material/s or any other use of product.