



PRODUCT DATA SHEET

K-15

It is special formulated additive by using it can make water dilute able system with alkyd based coating system without any effect in gloss retention, drying and adhesion to many substrates. It gives low foam formation in final formulations which require no or very less defoamer in fine tune the system.

Physical & Chemical properties:

Color : <5 in Gardner scale

Solid content: 22%

Acid value: 2.9 mgs KOH per Gm

Specific Gravity: 1.04

Composition: surface tension reducer mixture of different emulsifier with high boiling solvent.

Incorporation Method:

Under High speed stirring add K-15 into enamel after 3-4 minutes add Zero hardness water in 10-15 % very slowly, keep stirring on for next 25-30 minute.

How it works:

Make proper stable water dilutable resin emulsion in very finer particle size distribution and then control hydrolysis of all the ester groups present in polymer, means prevent auto degradation of resins.

APPLICATION:

Used as solubiliser.emulsifier in solvent and water based system reduce formulation cost without effecting following properties.

- Good stability over the time
- Same drying time
- No surface defect like pinholes, gassing effect or crater
- Same hardness development with proper drier system
- Hydrolysis stable effect

DOSAGES:

In post addition 0.1 to 0.15%of total quantity of liquid enamel.



| FUNCTION | LONG ALKYD | MODIFIED ALKYD | SYNTHETIC ACIDIC RESIN | SYNTHETIC BASIC RESIN |
|------------------------------|------------|----------------|------------------------|-----------------------|
| SYNTHETIC ENAMEL SUPER GLOSS | 0.1-0.2 | 0.1-0.2 | 0.3-0.5 | 0.1-0.15 |
| Water Dilutable Lacquer | 0.2-0.3 | 0.3-0.5 | 0.5-0.7 | 0.2-0.3 |
| Paper Ink | | | 0.4-0.5 | |

Special Note:

It is advisable to check and optimize the level of incorporation at every specific formulation, for getting best stability in Emulsion follow the incorporation method High speed and slow addition of water is very much important for any kind of post addition.

Also maintain the system PH around 8.3-8.7 in Between.

STORAGE & SELF LIFE:

Keep the material below 35 Degree C temperature and possible in moisture free area
Self life is two years from manufacturing date.

Products Origin: It is formulated products and distributed by surface speciality Chemie

PACKING:

25 KGS PAIL PACK.

CUSTOMER CARE OR SERVICE CALL: 00-91-9830665596

Surface Speciality Chemie.

13, Nagerbazar Road. Kolkata.700074, West Bengal, India

email: sschemie.ar@gmail.com

telefax-00-91-25600161 url: www.sschemie.co.in

unit: vill-bodai, po-jugberia,dist-24 pgs,kolkata-700110,westbengal india