



GRAMOS 15A & B Ref: 1004/1009 TECHNICAL DATA SHEET

For the Chemical Treatment of oversprayed paint

Introduction:

GRAMOS 15 A is a mildly acidic preparation of flocculating and coagulating agents for use as an additive to the water of paint spray booths in conjunction with GRAMOS B.

GRAMOS 15 A is used in conjunction with GRAMOS B has been developed for the treatment of over spray paint based on Alkyd Amino , Polyester, Polyurethane in spray booth . The chemical flocculates and coagulates the over spray paint ensuring that the washing chambers, plates and pipe works of the booth requires less frequent cleaning and the treated paint is in convenient form for easy removal from the booth or sludge pit.

Operation:

The system consist of two component powder based formulation, which are dosed into the water of the spray booth and on dissolving pH of water increase to 9 to give efficient performance.

Initial charge:

For introduction of GRAMOS 15 & B it will be advisable to clean the booth and sludge pit. Replace the booth water with fresh industrial water. Start the water circulation. GRAMOS 15 A is added to the spray booth water usually at the rate of 2 to 4 Kilograms / KL of water in the system simultaneously with the addition of GRAMOS B at the rate of 1 to 2 Kilograms / KL so that the final booth solution has a pH of 8 to 9.

Dosing:

Replenishment will depend on the paint consumption, assuming 40% overspray paint contamination in the booth water, general additions of the GRAMOS 15A & B, at an approximate ratio of 2 part GRAMOS 15 A to 1 parts GRAMOS B, should be made at regular intervals as the product consumed by the paint being treated, keeping the final ph at 8 to 9. Using this treatment the denatured paint may be easily skimmed from the surface or removed from the bottom of the reservoir, depending on the booth design and pH maintained. Recommended doses of GRAMOS 15 A @ 2-4% of spray viscosity paint consumption and GRAMOS B @ 1-2 % of spray viscosity paints consumed. It will be advisable to remove denatured paint collected into the sludge pit at regular interval for better performance. Final dosing and recommendation will be decided after one-month trials of individual sludge pit.

Conclusion:

In development the system, M/s. GRAMOS CHEMICALS INDIA PRIVATE LIMITED has been able draw from the wealth of expertise and knowledge from our parent company over 30 years experience as manufacturing denaturant systems for all types of United Kingdom industries and 10 years Indian industries that incorporate paint in their process.

The ability to call on this expertise and knowledge has resulted in the development of the GRAMOS15 A & B denaturing system, which has the following benefits:

1. Effective bacteria and odour control.
2. Very effective denaturing - waste paint solids has low water retention.
3. Potential cost savings over other systems using more than two components including the removal of the need to use large quantities of expensive antifoam.

Dosing and recommendation are given by Gramos Technical Service and Sales Team while conducting initial trials, leaving user only to monitor systems.

Packing:

5 Kilograms x
5 packed into HDEP bag for 1004
5 Kilograms x 10 packed into wooden case for 1009

Note: Standard specification may be supplied on request, which needs to confirm by customer before release of order.

Warranty:

It should be appreciated that the information given here is to the best of our knowledge, true and accurate. Since the conditions under which are products are used are beyond our control, recommendations are made without warranty or guarantee.

Ref: 1004 / 1009 Revision dated 1/5/2001

M/S Gramos India Chemicals Pvt. Ltd.

W-268, TTC Industrial Area, Rabale Village, Thane Belapur Road, Navi Mumbai – 400701,
Maharashtra, India

Tel No – 91 22 27692084 / 27698555 Fax – 91 22 27695911 Email – gramosiw@vsnl.com