



**GRAMOS 70 Ref: 1003 TECHNICAL DATA SHEET**  
For the Chemical Treatment of Oversprayed Paint

**Introduction:**

In keeping with our policy of continued research and development, M/s. Gramos Chemicals India Pvt. Ltd. has developed a paint denaturing system based on organic and inorganic compounds that results in a formulation of environmentally acceptable denaturant where mixed paint being consumed. The system is relatively safe to handle as it neither contains nor utilizes caustic alkalis. As a further safety feature, an effective biocide is incorporated in the GRAMOS 70 component to eliminate bacteria build up that can cause foul odours in the booths. This means that the paint is denatured to the required extent to enable it to be floated or sunk, accordingly to the booth design.

Thus, in addition to the characteristics already well established for GRAMOS 70 for the denaturing the oversprayed paint to a form, such that frequency of clean out is kept to a minimum and that cleanouts are relatively trouble - free.

**Operation:**

The system consists of single component powder based formulation, which is dosed into the water of the spray booth and on dissolving pH of water will increase to 9 to give efficient performance.

**Initial Charge:**

For introduction of GRAMOS 70, it will be advisable to clean the booth and sludge pit. Replace the booth water with fresh industrial water. Start the water circulation. GRAMOS 70 can be added at the rate of 0.5 - 1.0 Kgs / KL of water volume in circulation. Check the pH of water after 30 minute of circulation. Expected pH of water is in between 8.5 - 9.5. Initial dose can be adjusted to achieve the expected pH. After achieving expected pH booth water will be ready to start the painting.

**Dosing:**

Replenishment will depend on the paint consumption, assuming 40 % overspray paint contamination in the booth water, generally GRAMOS 70 required at the rate of 3 - 5% of the spray viscosity paint consumption. Daily dosing as per suggestions will improve performance of the additive. It will be also 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 GRAMOS 70 denaturing system, which has the following benefits:

- An environmentally friendly product with no harmful or notifiable waste residue.
- Safer to handle – Non caustic alkali formulation helps to protect paint shop structure.
- Effective bacteria and odour control.
- 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  
Pack into HDPE Bag.

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.

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