



An ISO 9001:2008 Certified Company

Company Profile

Manufacturers Of;
Surface Treatment Chemicals
Rust Preventive Oils

Surfacoat Chemicals Pvt. Ltd.

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SURFACOAT CHEMICALS Pvt. Ltd. SINCE (2003) is well known name in the field of metal pretreatment chemicals for their excellent products, consistent quality and prompt service. The company manufactures and market a wide range quality metal pretreatment chemicals and allied products being used regularly by various industries all over.

Mr. Dilip Badhe

The administrative office and the factory are situated at Narhe industrial area, Pune.

In May 2008 Company has fulfilled all the requirement of quality management system and has been certified for ISO 9001: 2008.

It has attained visible recognition and fame as quality manufacturer of surface treatment chemicals and allied products.

Few of the facilities which exist in our plant are as under :-

1. Product Development Department which is fully qualified to develop products as per customer's specifications.
2. A fully equipped laboratory with all modern test equipment which conform to 'IS' standards for research and development.
3. Efficient Technical Department assists our customers to use our products with ease and thus maximizing its utility.

Our Marketing and Sales Department takes care of all commercial aspects of our business and its smooth operations by ensuring healthy customer relations and providing personalized services.

COMPANY POLICY:

We at SURFACOAT CHEMICALS are committed to enhance customer satisfaction through manufacturing of right quality products at competitive price and continual improvement in effectiveness of quality management system.

COMPANY OBJECTIVE :

“Our objective is to regularly upgrade our technology including verification facilities and the skills of our employees in order to achieve ongoing improvement in quality.”

PAINT STRIPPER

Surfactoat Chemical has introduced an environment friendly Stripper in the market.

**PURPOSE : It removes Paint from any metallic part.
It removes paint from plastic surface also.**

REASONS WHY YOU SHOULD GO IN FOR OUR PAINT STRIPPER:

- ✱ Paint removal should not be done by manual scrapping because now most of the OEMs are doing Pretreatment before painting. By manual scrapping we take out paint along with the Pretreatment Coating (Phosphate Coating). If we use Paint Stripper, we remove only paint and not the Phosphate Coating thus making it very much cost effective in terms of saving of **time, money, labour and process**.
- ✱ Paint removal process can be done even in an enclosed space. There are no hassles of burning / heating up painted metal parts, fire precautions and adherence to existing Government instructions related to fire hazards etc.
- ✱ Its non flammable.

Paint Booth Additive

Booth Additive:



Surfactant Booth Additive is formulated so as to widen its range of applicability with respect to types of booths. This means that the paint is denatured to the required extent to enable it to be floated or sunk, according to booth design, with minimum adhesion of paint residues to surface washed by the additive solution.

Special features:

- ✓ Easy removal of paint sludge
- ✓ Non sticky sludge is easy to handle
- ✓ Booth walls are free from paint every time

PRE-TREATMENT CHEMICALS

PRODUCT DETAILS

Surfa 3 in 1 : Removes oil, grease, rust & provides thin film of iron phosphate. This can be used in manual as well as in dip application.

The single chemical has following advantages as follows:

- ✓ Can be used where conventional & 8 tank process is not viable.
- ✓ Low process cost.
- ✓ No heating require.
- ✓ Saving in chemical cost.
- ✓ Heavy gobs can be easily pretreated.
- ✓ Low process time.

Surphos-Fe50: Produces thin amorphous rainbow color coating of iron phosphate. This can be used as cleaner cum coater for single tank process.

Surphos -8/50 : Produces smooth micro crystalline fine uniform Zinc nickel Phosphate coating, which provides suitable base for paint finish. The process is operated at 60-70 oC.

Special features:

- ✓ Short cycle process.
- ✓ Required no surface conditioning.
- ✓ Very smooth and thin coating.
- ✓ Good mechanical and chemical properties.
- ✓ Works in wide range of parameters.
- ✓ More work load can be processed at a time.
- ✓ Less tonner consumption.

Coating Weight – 250 / 500mg / sqft
IS - 3618 CLASS A / B

Surphos – 6/50: (Zinc-Nickel Phosphating / Cold Process) –
Produces smooth crystalline Zinc Phosphate coating, works in sequence with Titanium based activator for better results. The coating is formed at ambient temperature, which forms a suitable base for Organic Paints & Powder Paints.

Advantages;

- ✓ Suitable for auto, appliances and furniture part.
- ✓ Coating forms at ambient temperature.
- ✓ Process time is about 5-7 mins.
- ✓ Less and flupy sludge formation.
- ✓ Less chemical consumption.
- ✓ No evaporation losses.
- ✓ Good chemical and mechanical properties.
- ✓ Optimum tonner consumption.

Coating Weight – 200 / 400mg / sqft
IS – 3618 / 1966 CLASS B

Surphos – 3C: This is a tri cationic low temperature Phosphating Chemical, which can be applied by spray or immersion method.

Special features:

- ✓ Excellent base for E-Coat.
- ✓ Mostly used in automobile industry.
- ✓ 'P' ratio greater than 90 %.
- ✓ Crystal size 7-10 microns.
- ✓ Can be coated multimetal assembly, like Fe, Al, Zn.

Coating Weight – 200 /400 mg / sqft
IS – 3618 / 1966 CLASS B / C

Surphos – Zn: (Heavy Zinc Phosphate Coating) – The component processed in this chemical are coated with heavy Zinc Phosphate ideal for metal forming applications & also suitable for fasteners. The components may be sealed with rust preventive oil. The process is operated at 70-80 oC.

Special features:

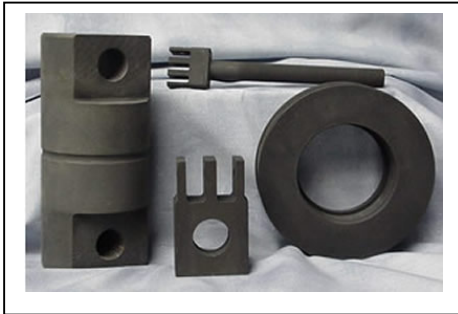


- ✓ Suitable for precision components for bare corrosion resistance.
- ✓ The product works at 2-3 % concentration.
- ✓ Coating weight can be controlled from heavy to light by using surface conditioner.
- ✓ Good corrosion resistance.
- ✓ Salt spray resistance about 72 hrs. with rust preventive oil.
- ✓ Heavy or light coating can be achieved in single product.
- ✓ Works at wide range of parameters.

Coating Weight – 500 / 2000mg / sqft
IS – 3618 / 1966 CLASS A and above.

Surphos- Mn: (Manganese Phosphate Coating) – Produces heavy Manganese Phosphate coating & make suitable base for oil absorption, thus reduces the friction. The process is operated at 90-95 oC.

Special features;



- ✓ Useful for gear components and its assembly.
- ✓ Excellent abrasion resistance
- ✓ Light to heavy coating formation in single product.
- ✓ Jet black coating, having good aesthetic look.

Coating Weight – 700 / 3000mg / sqft
IS - 3618 CLASS A

Surphos – 10/50: This is self accelerated nitrite free low temperature zinc phosphate chemical, can be used in immersion system.

Special features;

- ✓ No addition of oxidizing agent.
- ✓ Very less sludge formation.
- ✓ Nitrite free hence environment friendly.
- ✓ Low consumption.
- ✓ Easy to control.

Coating Weight – 150-400 mg/sqft
IS – 3618/1966 CLASS B/C

Cleaners

- Surfaclean – KL20 :** This is a heavy Alkaline cleaner which removes oils, greases & soil at temperature **60 deg.C to 70 deg.C**. This can be used in conventional 7 or 8 Tank Process.
✓ Specially useful in plating industry.
- Surfaclean 1 :** Economical low temperature Alkaline cleaner to remove effectively grease, oil etc.
- Surfa - KOD :** This is an emulsion cleaner based on solvent and detergent , which may be used to remove oil, grease by manual application before degreasing to avoid contamination in main tank.
- Neutractable-SP :** Unique spray cleaner, specially designed for spray washing machines. It gives temporary rust protection after washing, which require during transit.
- Surfaclean-ALC :** This is a Non-Caustic, Non-Silicate based chemical used as cleaner for Aluminium or its alloys to remove oil or greases.
- Surfaclean- AL :** This is cleaning cum etching composition for aluminium sections and aluminium sheet metals. This removes all types of oil, grease and carbon suit, and leaves adoptable surface for chromatising as well as paint powder coating.

Surfa – D/ R :

Surfa- D/R is an acid based derusting cum degreasing compound designed for removing of inorganic impurities like oxide of and scale from iron and steel surfaces and organic impurities like oil, before phosphating.

Surfa – D/R-3:

Surfa- D/R 3 is a liquid degreasing compound designed for removing of organic and inorganic impurities like oil, grease and oxide of iron surfaces before plating. This operates at room temperature.

Speccial features:

- ✓ Substitute for hot degreasing in plating industry.
- ✓ Energy saving.
- ✓ Manpower saving.

CHROMATISING CHEMICALS

Surfachrome-GY30:



This chemical gives a protective coating of Chrome Oxide on Aluminium and its alloys and provides a suitable base for Paint/powder coating. Enhances the organic film properties like corrosion, adhesion etc. The coating is golden yellow in colour and having excellent aesthetic look.

Surfachrome– 30 :

This chemical give a protective coating of chrome oxide on aluminium surface and its alloys and provide a suitable base for paint and powder coating and enhances the organic film properties like corrosion, adhesion etc. This is **colourless** coating.

PASSIVATING CHEMICAL

- Surpass-PA :** Chrome base passivation chemical. These are used as final rinse after phosphating.
- Surpass-NC :** Chrome free passivation chemical. These are used as final rinse after phosphating.
- Rustop-02 :** Alkaline passivation, used in pickling process or offline derusting.
- Alcoat160 :** Hexavalent chrome free passivation chemical for plated products and aluminium.

RUST PREVENTIVE OILS

- RPOIL :** Rust preventive oil used for de-watering purpose. It gives an in-house protection for 6 to 12 months.