

# Boiler Paint

## (03)



### Description

Happilac Boiler Paint No. 3 is high quality protective coating for the exterior of boiler surface. This composition is formulated to provide maximum protection to steel surfaces with minimum heat losses and can be used in all kind of industries generating steam.

### RECOMMENDED USE

Happilac Boiler Paint No.3 is suitable for all exterior boiler surfaces.

### FEATURES

- Excellent protection against rusting and corrosion
- High temperature tolerance up to 250°C
- Specialty additives and pigments
- Chemical and steam resistance

### PRODUCT INFORMATION

|                     |                                                    |                                    |                                                                                                                    |
|---------------------|----------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>   | Semi Gloss                                         | <b>Coverage</b>                    | 8-10 m <sup>2</sup> / Liter / coat                                                                                 |
| <b>Color</b>        | Black                                              |                                    | Actual Spreading rate depends on film thickness applied, surface porosity, imperfections, temperature and wastage. |
| <b>Pigment Type</b> | Special Pigments                                   |                                    |                                                                                                                    |
| <b>Solvent</b>      | Naphtha Petroleum                                  |                                    |                                                                                                                    |
| <b>Application</b>  | Brush, Roller or Spray                             | <b>Specific Gravity</b>            | 1.01 ± 0.02                                                                                                        |
| <b>Flash Point</b>  | 34°C                                               | <b>Volume Solids (Theoretical)</b> | 45± 2%                                                                                                             |
| <b>Cleaning</b>     | Clean all equipment with Happilac Mixing Oil T-679 | <b>No. of Coats</b>                | 1-2 Coats                                                                                                          |
| <b>Thinner</b>      | Happilac Mixing Oil T-679                          | <b>Film Thickness</b>              | Wet: 70-90 µm / coat<br>Dry: 30-40 µm / coat                                                                       |
| <b>Thinning</b>     | 10-15%                                             | <b>Packing</b>                     | 0.91 and 3.64 Liters                                                                                               |

| Drying Information | 5°C    | 15°C   | 25°C   | 35°C   |
|--------------------|--------|--------|--------|--------|
| Touch Dry          | 3 hrs  | 2 hrs  | 1.5 hr | 1 hr   |
| Hard Dry           | 24 hrs | 18 hrs | 14 hrs | 12 hrs |
| Recoat             | 24 hrs | 18 hrs | 14 hrs | 12 hrs |

Drying and recoat times are dependent on temperature, humidity and film thickness

### SURFACE PREPARATION AND APPLICATION

All surfaces must be thoroughly cleaned and free from dirt, grease, wax and poorly adhering paint. Appropriate and good surface preparation significantly increases the top coat's life and durability.

**NOTE:** The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) are correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given is subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is updated prior to using the product.

Deploy skilled/experienced individuals for the application of paint. A few general instructions are given below.

**NEW OR BARE SURFACES:** Surface to be painted must be dry, clean and free from all contamination. Wipe with Happilac Mixing Oil to remove dirt, grease and wax. Scuff with suitable abrasive paper to remove rust. Wipe with Happilac Mixing Oil and apply Happilac Boiler Paint No.1 on all metal surfaces as a priming coat. Allow the surface to dry out completely and apply 1-2 coats of Happilac Boiler Paint No.1.

**PREVIOUSLY PAINTED SURFACES:** Previously painted surfaces must be thoroughly rubbed down using a suitable abrasive paper and dusted off. Remove all loose scale, defective paint and rust by thorough scraping and wire brushing. Defective areas should be sanded, smoothed and then spot primed. Apply 1-2 coats of Happilac Boiler Paint No.1.

#### STIR WELL BEFORE USE

#### RECOMMENDED PAINT SYSTEM

| Sequence | Products                       | No. of Coats |
|----------|--------------------------------|--------------|
| Primer   | Happilac Boiler Compound No. 3 | 1            |
| Finish   | Happilac Boiler Compound No. 3 | 1-2          |

Consult Happilac Paints representative for the system best suited for surfaces to be painted.

#### HEALTH & SAFETY

- Must use goggles, gloves at the time of application.
- A suitable dust mask must be worn when rubbing down.
- Do not smoke while applying paint.
- Keep doors and windows fully open to ensure proper ventilation when applying paint.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of contact with skin, remove splashes from skin using soap and water.
- Don't breathe spray mist or dust.
- Swallowing can result in nausea, vomiting and irritation of gastrointestinal tract.
- This container is only for paint use. Don't use it for edible storage.
- In the event of an accident, collect spillage using sand or earth.
- Do not empty into drains or watercourses.
- Toxic to aquatic environment.
- Toxic by inhalation. If inhalation causes physical discomfort, move to fresh air. If discomfort persists or any breathing difficulty occurs, seek medical advice and show container label
- Keep out of the reach of children.
- Protect from extremes of temperature. Store in a cool and dry place.
- Safety data sheet available for professional users on request.

**WARNING:** Scraping/sanding off previously painted surfaces may release hazardous dust or fumes which are highly toxic. Take protective measures thoroughly when rubbing off the old surfaces.

*The information provided in this data sheet is accurate and authentic to the best of our knowledge and based on standard tests. However, results may vary due to possible variations in field conditions and application procedures.*