

## Boiler Compound No. 1

### Description

**H**appilac Boiler Compound No. 1 is high quality protective coating for the interior 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. The Boiler Paint is designed to give a high protective film which prevents corrosion and rusting. The paint film gives satisfactory results between operating temperature of 200-250°C.

### Recommended For

**H**appilac Boiler Compound No.1 is suitable for all interior boiler surfaces and withstand standard high temperature up to 200-250°C.

### Features

- Excellent protection against rusting and corrosion
- High tolerance up to 200-250°C
- Modified coal tar pitch
- Specialty additives and pigments
- High coverage
- Ready to use and easy handling

### Limitations

- Drying time may vary depending on weather and drying conditions.
- Suitable for interior surfaces.

### Product Information

<b>Composition:</b> Modified coal tar and heat stable pigments	<u>Binder type</u> Modified coal tar pitch
	<u>Pigment type</u> Specialty Pigment
	<u>Volume solids</u> 43±2 %
	<u>Weight solids</u> 60±2 %
	<u>Specific gravity</u> 1.094±0.02
	<u>Odor</u> Slightly odor
	<u>Viscosity</u> 18 ± 2 cP
	<u>PH</u> Not applicable
	<u>Application</u> Brush, Roller, Spray
	<u>Finish</u> Gloss
	<u>Thinner</u> Happilac Thinner
	<u>Thinning</u> As per requirement, max 25%
	<u>Dries by</u> Evaporation, Oxidation
	<u>Surface Dry</u> 2-3 Hours
	<u>Hard Dry</u> 24 hours
	<u>Recoat</u> 7-8 hours
	<u>Drying and recoat times are temperature, humidity and film thickness dependent</u>
	<u>coverage</u> 10m <sup>2</sup> /liter/coat
	<u>Film thickness</u> 25-30 microns per coat
	<u>Packing</u> 3.64 ltr, 0.91 ltr
	<u>Storage temperature</u> 4-30 °C
	<u>Color</u> Black
<b>Technical Help:</b> Happilac Paints technical department is always available to assist you in the correct use of our products.	
<b>Storage:</b> The product must be stored in cool, dry and well ventilated place away from source of ignition and heat. Containers must be tightly closed and upright and handle with care.	

## Surface Preparation and Application

Appropriate and good surface preparation significantly increases the top coat life and durability. Deploy skilled/experienced individuals for the application of paint. A few general instructions are given below:

### New or Bare Surfaces

**S**urface to be painted must be dry, clean and free from all contamination. Remove dirt, grease and waxy material. Scuff with suitable sand paper, dust off and apply 2-3 coats of Happilac Boiler Compound No.1. Ensure suitable time interval between subsequent coats.

### Previously Painted Surfaces

**S**crape off all the loosely adherent paint from the surface with an appropriate abrasive paper. Properly clean the substrate, dust off and apply 2-3 coats of Happilac Boiler Compound No.1. Ensure suitable time interval between subsequent coats.

## Health and Safety Notes

- When applying paint, wear appropriate eye protection.
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes.
- Don't breathe spray mist or dust.
- Ensure proper ventilation when applying paint.
- If swallowed, it may cause serious damage.
- When empty, don't use its container for edible storage.
- Place out of reach of the children.
- Pregnant women are advised to avoid breathing of paint mist or spray.
- In case of any emergency, undergo medical supervision as soon as possible.

**WARNING:** Scraping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.