

Description

ShaliHCO® is a black / brown oily liquid with an aromatic odor. **ShaliHCO®** is a distillate of coal tar and is produced by high temperature carbonization of bituminous coal. **ShaliHCO®** is heavier than water. **ShaliHCO®** is miscible with alcohol, ether, volatile oils, and in solutions of alkali hydroxides. **ShaliHCO®** is soluble in dimethyl sulphate and practically insoluble in water. Its constituents are liquid and solid aromatic hydrocarbons, tar acids, and tar bases.

It conforms to IS :218.

Characteristics

Density, 20°C, g/cc	1.085	Water content, %	0.2
Crystallisation Point, °C	21	Water Extractable Phenol, %	0.4
Boiling Range, %, °C		Toluene Insoluble, %	0.8
• Distillate Up to 235	17	Flash Point, °C	86
• Distillate Up to 300	58	API Gravity	0.95
• Distillate Up to 355	87	Calorific Value, Cal/g	8754
Viscosity Index	95	Liquidity, 32°C	Clear free flowing material without slurry and solids
Viscosity, cPs	13.2		
Viscosity BMCI	145		

Application

- Carbon Black Feed Stock (CBFS).
- Solvent in paints and coatings.
- Fuel oil, particularly for metallurgical furnaces & boilers at ambient temperature above 21 °C.
- Wood preservative in railroad ties, railway wooden sleepers, poles, Fence posts, marine pilings and other outdoor applications.
- Dye Intermediate.
- Lubricant for die moulds.
- External antiseptic, disinfectant.
- Fungicide, insecticide repellent.

Advantages

- Easy to apply.
- Free flowing liquid.

Application Methodology

- All sawing, cutting, framing and shaping should be done before immersing the timber.
- Apply **ShaliHCO®** generously in 2 / 3 coats at minimum 12 hrs. intervals.
- First immersed timber in a tank of solution heated up to 65°C for 1 - 2 hrs. Then transfer to a tank of cold solution.
- This treatment can also be done in the reverse order.
- Impregnated timber with 5 L or more of **ShaliHCO®** solution / cft.

Health & Safety

- The product should not come in contact with the skin and eyes, or be swallowed.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

- If swallowed, seek medical attention immediately. **Do not** induce vomiting.
- It is inflammable.

Packing

Available in 20 L / 200 L Drums.

Storage

Keep in cool and dry place, under the shed, away from heat.

Shelf Life

12 months in original unopened sealed condition.



STP Limited
Enhancing Structures' Life

PRODUCT RANGE

- Waterproofing & Insulation • Admixtures & Curing Compounds
- Sealants & Adhesives • Pourable & Injectable Grouts
- Repair, Rehabilitation & Retrofitting
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