

# Technical Data Sheet

## Genuine Pine Tar 850

### Introduction:

**Genuine Pine Tar** consists of a mixture of neutral and acidic complex isoprenic hydrocarbon derived from pine trees. It contains all ingredients of rosin and fatty acids and their conversion products such as rosin oil, oxidized fatty acids, esters, high-boiling terpenes and fatty alcohols etc.

- Acts as a plasticiser, softener and tackifier in rubbers, and is the preferred plasticiser for natural rubber.
- Use enables a reduction or omission of stearic acid in the compound, and it activates thiazole cures.
- Has excellent softening powers
- Gives good dispersion of fine particle carbon blacks
- Imparts good green tack
- The pine odour is not too strong

### Uses:

Used as a processing aid in rubber compounding. It can also be used to treat wood panelling, roofs, fences, bridges, boats and timber facades. The wood it is applied to can be both previously treated and untreated. It is also used in the pharmaceutical industry eg in shampoos, soaps and ointments.

### Typical Characteristics:

Product Description			
	<b>Appearance</b>	Dark brown, viscous liquid.	
	<b>Odour</b>	Pine	
Composition			
	<b>Substance</b>	<b>% by Weight</b>	
	Tall oil pitch	65-75	
	Tall oil mixture	25-35	
Properties			
	<b>Property</b>	<b>Unit</b>	<b>Value</b>
	Specific Gravity		1.03
	Viscosity @ 50°C	cP	230
	Moisture Content	%	0.1
	Acidity as Acetic Acid	%	0.1
	Ash Content	%	0.2
	Solubility in Benzene	%	99.6
	Acid Number	mg KOH/g	59
	Volatility (2hrs at 150°C)	%	2.0
	Copper Content	ppm	Less than 10
	Manganese Content	ppm	Less than 10

### Shelf Life:

Shelf life is indefinite, but a maximum of 2 years is recommended, when stored dry in a benign atmosphere.

### Packaging:

200kg, steel tight head drums

### Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.