



PAPERTEX 86HC

Description

PAPERTEX 86HC is a high performance neutral and alkaline internal sizing material, based on alkenyl succinic anhydride (ASA). It can be used against a wide variety of liquid penetrants, across a broad range of paper and board grades. The product needs to be emulsified with a suitable starch or polymer prior to addition.

Properties

Appearance	Clear to light amber liquid
Colour (Gardner)	10 max
Active Content, %	>95
Specific Gravity at 25°C, kg dm ⁻³	0.93-0.97
Viscosity, cps	< 300
Boiling Point at 0.4 m bar	185°C

Application

Papertex 86HC can be applied to all grades of paper and paperboard manufactured within the pH range 5 – 9. Papertex 86HC must be emulsified in a suitable unit together with an emulsifying agent such as cationic wet end starch or cationic polymers.

Due to the high reactivity of ASA the emulsion should be delivered to the paper or board machine as soon as possible and not be stored for a long time. Papertex 86HC gives fast curing on the machine, thus improving size press runnability.

For optimum ratios, dosages and applications consult your local Papertex representative.

Regulatory status

FDA 176.170(a)
BgVV XXXVI

Papertex 86HC meets both FDA and BGVV requirements providing a maximum dosage of 1% in the final product is not exceeded.

Storage and handling

Papertex 86HC has a shelf life of over 12 months if stored in a very dry place with adequate ventilation. Papertex 86HC hydrolyses in contact with water or humidity and darkens when stored at elevated temperature (greater than 40°C). Papertex 86HC is non corrosive and can be stored and transferred in equipment made of stainless steel, fibreglass, plastic or plastic coated.

Packaging and shipping

Papertex 86HC is manufactured in the UK and is available in drums, IBCs and tank truck shipments.

