



STL-PDS-NA-imPress SC-740-R1

imPress™ SC-740 surface sizing agent

Product Description

imPress™ SC-740 surface sizing agent is a aqueous solution (10% solids) of styrene: maleic anhydride (1:<1 mole ratio) copolymer with approximately a 180,000 weight average molecular weight. The maleic groups are partially esterified with a low molecular weight alcohol, and reacted to form an ammonium salt.

imPress SC-740 is typically used as a sizing agent applied to the surface of paper.

Product Application

imPress SC-740 can be utilized as a dispersant emulsifier, binder, surface sizing agent, and viscosity modifier.

imPress SC-740 can be applied neat at the size press, calender stack or coater, or in combination with other additives such as starch, polyvinyl alcohol, and fluorocarbon when the application solution pH is maintained in the range of 7.5 - 9.0.

imPress SC-740 is especially effective for improving ink jet print quality and will aid starches in building porosity and film forming. Typical usage will range from 2.0 to 4.0 dry lb/ton of paper.

Rotary gear or progressive cavity pumps are recommended when handling imPress SC-740.

imPress SC-740 can be added to the cooked starch tank, however optimum performance is obtained by addition to the size press or calender stack run tanks.

imPress SC-740 is to be used in accordance with control procedures Solenis establishes for a specific application.

Benefits

- Water soluble
- Freeze/thaw stable
- Easy to handle
- Good for improving toner adhesion
- Good for improving coefficient of friction
- Excellent sizing against a variety of penetrants when applied over alkaline or acid base sheets.

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.