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## Technical Data Sheet

### Ultraseal

**Ultraseal** is a versatile resin system which offers the ultimate in water resistance to corrugating adhesives. This product also provides excellent adhesive stability and performs well in all types of mixing systems. It functions well in all starch formulations for maximum cost effectiveness.

Board manufactured with **Ultraseal** as part of a starch formula has the following features:

- Excellent water resistance
- 5% improvement in speed on heavy weight, double-wall or triple-wall board
- Stronger board for all end uses

### Typical Properties

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|----------------------|--|
| 1. Chemical Nature   | 1. Ketone formaldehyde resin with urea |
| 2. pH                | 2. 6.5 – 7.5                           |
| 3. Free Formaldehyde | 3. < 0.5%                              |
| 4. Specific Gravity  | 4. 1.13 – 1.15                         |
| 5. Color             | 5. Transparent, may contain red dye    |
| 6. Solvent           | 6. Water                               |
| 7. Storage           | 7. Store in a cool area, do not freeze |
| 8. Shelf Life        | 8. Approx. 6 months                    |

### Application

**Ultraseal** is added to the starch adhesive as the last component prior to storage or transfer of glue to pan. It can also be used in all dosage systems. A 3 - 5% resin (solids) addition to the starch (solids) is recommended.

### Handling

Handle in accordance with good industrial hygiene and safety practices. Refer to the product Material Safety Data Sheet for further instructions.

Our technical staff will be happy to answer any questions you may have on **Ultraseal** or to assist you with any starch adhesive problems

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The information contained herein is accurate and reliable as of the date issued to the best of our knowledge. However, since the conditions of handling and application uses are beyond our control, we make no guarantee of results and assume no liability for damages incurred by following these suggestions. Users are advised to make their own tests to determine suitability of each product.