# scitech.
## adhesives and coatings

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**ISO9001 REGISTERED**

**UKAS QUALITY MANAGEMENT 060**

Certificate No. 6837

# ST6515
## Direct Food Approved Heat Seal

## Technical Information
Issue 3, August 2020.

## Description

ST6515 has been developed as paper and biofilm heat seal adhesive with direct food contact approval. The recommended sealing conditions are >100°C at 20psi for 0.5 seconds.

Designed to be applied by reverse gravure, ST6515 has excellent flow, levelling, and defoaming properties.

ST6515 may be used in accordance with the following food contact regulations;

♦ Regulation (EU) No. 10/2011

♦ Annex 10 of the Swiss Ordinance of the FDHA on articles and materials SR 817.023.21

♦ FDA 21 CFR 175.105 - Adhesives

♦ FDA 21 CFR 175.300 - Resinous and polymeric coatings

♦ FDA 21 CFR 175.320 - Resinous and polymeric coatings for polyolefin films

♦ FDA 21 CFR 176.170 - Components of paper and paperboard in contact with aqueous and fatty foods.

♦ FDA 21 CFR 176.180 - Components of paper and paperboard in contact with dry food.

## Properties

| | |
|---|---|
| ♦ Appearance | Off-White liquid |
| ♦ Viscosity | 150cP approx. Brookfield sp2, 50rpm, 20°C |
| ♦ Solid Content | 40% approx. |
| ♦ Specific Gravity | 1.05g/ml approx. |
| ♦ PH | 8-9 |
| ♦ Cleaning | Water |
| ♦ Shelf life | 6 months |

## Storage Conditions

Store in sealed containers between $5^{o}$ – $35^{o}$C; out of direct sunlight and protected from freezing.

## Health and Safety

Consult the MSDS. Wash off the skin immediately, do not ingest.  If splashed in the eyes flush with plenty of water.

This product has been tested for a range of application and uses. The product has been manufactured to our current quality assurance specification and is recommended for production trial. The information provided in this document, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control we strictly recommend the customer to carry out intensive trials to test the suitability of our products with regard to the required processes, applications, storage and end-use requirements. We do not accept any liability with regard to the above information or with regard to any verbal recommendation.