# **Technical Information**

# **Technomelt COOL 4515**

Technomelt COOL 4515 is non-filled, low temperature hot melt adhesive specifically developed for spine glue of bookbinding.

The product has fast setting speed.

User & machine friendly. Suitable for News print & Maplitho paper.

Meets composition requirements of Indirect Food Additives Regulation 21 CFR 175.105 "Adhesives.

### **Application**

Suggested for all standard roller applicators.

Operating Temperature: 130° C to 140° C, depending on the conditions of machines, substrates, and environment etc.

### Features and Benefits

- ➤ Low application temperature Hot Melt adhesive
- Reduced degradation & char build up.
- Less maintenance of machine.
- > Lifetime of glue pot and pre-melter increased.
- > Improves machine performance
- > Improves operator safety
- Less spine wrinkle due to lower temperature.
- Fast cooling of the adhesive.
- Cleaner trimming & no build on knives.
- > Improves book quality
- Good spine aesthetics.

#### **Precautions**

- Do not mix with other adhesives.
- Keep containers and pre-melters covered to avoid contamination.
- Material is applied hot. Appropriate clothing and eye protection should be used.
- Rotate stock first in, first out.

#### TYPICAL PROPERTIES

Appearance

Pale Yellow, solid, chicklets or granules

Solids

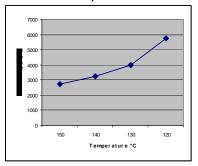
100%

BF Viscosity (Spindle 27@RPM of 5)

@ 150°C: 2,750 cps@ 140°C: 3250 cps

@ 130°C: 3,800 - 4,800 cps

@ 120°C: 5,750 cps



Softening Point

Approx.  $73 \pm 3^{\circ}$  C C, Ring & Ball

Standard Package

25kg/bag

Storage

Store in a dry place where the temperature is below  $40^{\circ}$  C and the storage life is one year.

READ PRECAUTIONS AND MSDS
BEFORE USING ADHESIVE

## Henkel CAC Pvt. Ltd.

Plot No. 1/1 Part 2, TTC Indl. Area, Thane Belapur Road, Koparkhairne, Navi Mumbai- 400710 Tel: +91-22- 27787371 Fax: +91-22-27780025



TDS-Technomelt COOL 4515

Page 1

Status: August 2010