



TECHNICAL DATA SHEET

PETRONOL RS **A DRY BONDING AGENT**

- PRODUCT NAME:** PETRONOL RS
- CHEMICAL NAME:** Resorcinol mixed with Silica .
- PHYSICAL FORM:** Light to dark brown powder .
- ACTIVE INGREDIENT:** 50 +/- 2% Resorcinol
- CHEMICAL FUNCTION:** Methylene Acceptor
- ASH CONTENT (%):** 48 +/- 2%
- SPECIFIC GRAVITY:** 1.53
- DISCOLORATION STAINING:** Staining
- TOXICOLOGY:** Slightly harmful by ingestion. Not a skin irritant, but an eye irritant.
- HANDLING AND PERSONAL PROTECTION:** Avoid creating dust and inhalation of dust. Ensure good ventilation. In case of eye/skin contact wash with clean water water for 15 minutes For eyes, get medical attention.
- STORAGE:** PETRONOL RS has got very good storage stability. Store in dry and cool place in closed containers.
- PACKAGING:** 15 Kgs. net, paper bag .
- APPLICATION:** PETRONOL RS is a dry bonding agent used in combination with PETRONOL HMTS PETRONOL HM to impart excellent bonding Strength. This is effective not only for general purpose rubbers, such as, NR and SBR etc.but also for polar rubbers, such as CR, NBR etc. and also saturated rubber like EPDM, IIR etc. to textiles (cotton, rayon, nylon and polyester and Steel Card,PETRONOL RS is very versatile and depending upon the methylene donor, its typical dosage can vary from 3 to 5 phr.

Excellent bonding strength can be obtained by incorporating 10 to 15 phr of Silica filler in the compounding formulation .

N.B.: These suggestion have been made for use of PETRONOL RS as a dry bonding agent only as a guideline without any warranty.