



TECHNICAL DATA SHEET

PETROSIL-D46 COMPOUND

PRODUCT NAME: PETROSIL-D46 COMPOUND

It is established fact that Silicone Release Agents are the best aid for clean and easy release of tyres from the moulds. As such for sufficient release and slip between green (unvulcanised) tyres and the moulding bladder a Silicone compound is required.

PETROSIL-D46 has been developed for using as inside tyre paint. Petrosil-D46 does not need addition of any other in-gredient but Mica and Solvent can be easily mixed without any sophisticated mixer / blended with minimum compounding error.

SOLVENT: SOLVENT selection is one's own choice but generally White Spirit, Rubber Solvents, Mineral and any other suitable Solvents are suggestive.

PREPARATION: For spraying, solids may vary but usually **PETROSIL-D46** and **MICA** are used in the proportion 1:2. Then the total solids to be diluted to 1:6 with suitable **SOLVENTS**. But for application with brush solids to **SOLVENTS** ratio 1:5. Industrial alcohol (preferably Methanol) at 1% level is suggested for better gellation. This made up paint should be used up as quickly as possible. For ideal result stock preparation should be stirred frequently.

INGREDIENTS: **PETROSIL-D46** contains **Silicone Oil, Bentone Pyrogenic Silica, Wetting Agent** etc. and it mixes readily with **Aliphatic** as well as **Aromatic Solvents**.

PETROSIL-D46 based inside tyre paint imparts increased efficiency of tyre manufacturing. This results in increased bladder life, reduction of rejection due to defects in shape. Thus a proper tyre comes out of the mould even in presence of slight surface contamination when **PETROSIL-D46** based inside tyre paint is incorporated.

N.B. These suggestionn have made for use of PETROSIL-D46 in inside tyre paint only as a guideline without any warranty.

