



# Technical Data Sheet

## Apcotex<sup>®</sup> TSN700

### CHEMICAL DESCRIPTION

Apcotex TSN700 is Carboxylated Styrene-Butadiene Latex used for modification of hydraulic binders. The dispersion is free from plasticizers and film forming aids.

It is manufactured by employing state-of-the-art emulsion polymerization technology ensuring product consistency

### APPLICATIONS/ADVANTAGES

- Hydraulic cement admixture, flexible cementitious waterproofing coatings, oil well cementing
- High resistance to alkaline hydrolysis
- Provides excellent water impermeability
- Excellent workability at reduced water/ cement ratio
- Improved bonding and adhesion to substrate
- Longer pot life for polymer-cement mix
- Provides balanced toughness and flexibility

### SAFETY AND HANDLING

- General safety precautions such as goggles, gloves and face shields should be used while handling. (Refer MSDS for detail information).

### PRODUCT SPECIFICATIONS

Appearance	Milky white pourable liquid
Emulsifying System	Synthetic anionic and nonionic
Total Solids (%)	47.0 ± 1.0
pH at 25°C	10.5 ± 0.5
Brookfield Viscosity LVF (CPS) SP.1, 12 RPM at 25°C	100 - 250
Surface Tension (Dynes/cm) at 25°C	40 ± 5.0
Specific Gravity	1.020 ± 0.005
Dilutability with water	Dilutable in any proportion

### STORAGE RECOMMENDATIONS

- Store between temperatures of + 5°C and 40°C. Keep containers closed when not in use.
- Self-life: Six month from date of manufacturing provided stored under shade, away from direct heat and sunlight and well protected from freezing.
- Packing: IBC and 200 Kg HDPE Drums.

PDS TSN700 - 2017-01

apcotex industries limited

Email  : info@apcotex.com

Web  : www.apcotex.com

**Disclaimer :** These suggestions and data are based on information that we believe to be reliable. They are given for information only and in good faith, but conditions and methods of use of our products are beyond our control. Apcotex recommends that the user determine the suitability of our materials and suggestions before using them on a commercial scale