

TECHNICAL DATA SHEET

[Technical Information]

STC SMF Liquid

- ✓ Superplasticizer having powerful dispersing properties and capable to producing very mobile free flowing pump able concrete.

Nature:	Sulphonated Melamine formaldehyde sodium salt.		
CAS No.	64787-97-9		
Specification:	Appearance	:	Pale yellowish liquid
	pH value (1:10)	:	8.0 to 10.0
	Solubility	:	Completely soluble in water.
	Solid	:	40 ± 1%
	Specific gravity	:	1.235 to 1.255

Properties:

- ✓ **SMF** is a very sensitive product. Therefore it must be stored in its original sealed packaging. If stored properly in its original sealed packaging the shelf life is at least 12 months. Stabilizer, dispersing agent and precipitant for the chemical and allied industries. Dispersing agent and auxiliary for processing and polymerizing natural and synthetic rubber latices. Textile, Leather dye leveling & dispersing agent.

Application:

- ✓ **SMF** is an excellent dispersing agent for cement particles and extensively used in concrete, mortars and self-leveling compositions. It promotes fine dispersion with controlled rheological behavior of cementitious compositions ensuring for extended workability.
- ✓ Good liquefying agent for concrete & mortar mixes.
- ✓ High strength mortar, gypsum products, self-flowing ground, stuffing materials, grouting materials. Be used as the brightened agent for manufacturing the colored road brick and the tunnel liner.