

# PUMP PRIMO

## TECHNICAL DATA SHEET

### LUBRICATOR FOR CONCRETE PUMP HOSES AND LINES

#### Description

PUMP PRIMO is inorganic components based specially formulated product for the lubrication of pumps, hoses and lines prior to concrete works.

#### Uses

PUMP PRIMO solution creates a thin lubrication film that reduces friction and prevents blockages. It is a cost-effective replacement of other methods of lubrication such as cement slurry.

The use of existing cement or mortar as a lubricant inducing such strength reduction and environmental waste disposal problem. This product has innovatively improved these issues with the addition of performance lubrication components to exert an effective coating performance of a small amount in the boom pump piping.

#### Advantages

- Reduces friction
- Reduces risk of blockages
- Prolongs lifetime of hoses and pipes
- Environmentally friendly product
- No premixing required
- Easy to use

#### Characteristics

Form : Powder  
 Colour : White  
 Chemical base : Inorganic salts  
 Bulk Density (at 25°C) : 700 - 800 g/l  
 pH value (1 % solution) : 8.0 ± 1

#### Direction for Use

Add 75 to 80 liters of water into the hopper per pouch of PUMP PRIMO. The number of pouches required depends on the size of the pump and the length of the hose and pipelines. However, as a guideline one pouch may be used for every 50 meters pipe length.

PUMP PRIMO is easily mixed in water by reverse pumping two strokes, which should be performed before adding the concrete. Then the concrete can be added to the hopper and pumping can begin.

#### Storage & Shelf life

Store in dry condition at temperatures +10° to +40°C. Protect from direct sunlight and frost.

PUMP PRIMO has a shelf life of 24 months from date of production if stored properly in unopened original packaging.

#### Packaging

PUMP PRIMO is available in 200 grams pack and bulk packing.

#### Fire

PUMP PRIMO is non-flammable.

#### Limitation

- PUMP PRIMO solution should not pass through the pipeline till it reaches at desired viscosity.
- No concrete should be added to the PUMP PRIMO solution without prior reverse and forward pumping as described in the above procedure.
- PUMP PRIMO solution should not come into contact with any of the desired fair faced concrete surfaces during the pump start process.

#### Health & Safety Instructions

PUMP PRIMO is non-toxic. Any splashes on skin should be washed well with water. If contact with eyes occurs, it shall be washed well with plenty of water and medical advice sought immediately.

#### Factory Address :

Ahmedabad-  
 Moraiya, Changodar, Bavlva Highway, PS: Changodar, District-  
 Ahmedabad, Gujarat, PIN- 382213.  
 Singur-  
 Shyam Business Park, Durgapur Express way, Dist - Singur, West  
 Bengal, Pin - 712306  
[www.fcsc.co.in](http://www.fcsc.co.in)  
 Toll free no: 3335000230

#### FIRSTCHOICE SPECIALITY CHEMICALS PRIVATE LIMITED

#### Office Address :

"SHRACHI TOWERS"  
 3rd Floor, 686, Anandpur, E. M. Bypass,  
 Kolkata - 700 107.  
[www.fcsc.co.in](http://www.fcsc.co.in)  
 Toll free no: 3335000230

FC/KOL/MS/R001/21