



Concrete Pumping Products Ltd

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INSTRUCTIONS FOR USE

**PLEASE ENSURE YOU READ THESE
CAREFULLY PRIOR TO USE**

CONCRETE PUMP METHOD

PRIMING DIRECT INTO GROUT PORT.

- a. **Single pack (227 grm small size).** Mix one pack per 15 litres water into a container to required amount.
- b. **Double pack (454 grm large size).** Mix one pack per 30 litres water into a container to required amount.
- c. Leave for 15 minutes for a thickened texture to develop.
- d. Stir prior to pouring direct into priming port.
- e. At start-up the primer followed by concrete should be eased slowly through the system without excess pump pressure until the system is fully charged.

PRIMING DIRECT INTO REMIX HOPPER

- f. **Single pack (227 grm small size).** Fill hopper with required amount of water mixing one single pack per 15 litres of water. Mix with pressure hose not allowing balling to occur.
- g. **Double pack (454 grm large size).** Fill hopper with required amount of water mixing one double pack per 30 litres water. Mix with pressure hose not allowing balling to occur.
- h. Leave for 15 minutes for a thickened texture to develop.
- i. Reverse cycle pump prior to pumping the mixture ahead of the concrete. The primer followed by concrete should be eased slowly through the system without excess pump pressure until the system is fully charged.

PLEASE ALSO REFER TO ADDITIONAL NOTES FOR GUIDANCE OPPOSITE.

CFA PILING METHOD

PRIMING DIRECT INTO THE FLEXIBLE PUMP HOSE. (CFA RIGS ONLY)

- a. **Double pack (454 grm large size)** Mix one double pack per 30 litres of water into a container to the required amount.
- b. Leave for 15 minutes for a thickened texture to develop.
- c. Stir prior to pouring direct into pump hose.
- d. At start-up the primer followed by the concrete should be eased slowly through the system without excess pump pressure until the system is fully charged.
- e. The primer may be left ready-mixed overnight if required.
- f. Better performance is achieved when pouring mixed primer direct into the hose and pipeline at the outlet from the concrete pump.

ADDITIONAL NOTES FOR GUIDANCE

1. A thicker priming mixture is recommended where the concrete mixes are known to be harsh and difficult to pump.
2. Complete solution of the powder into water is greatly assisted if mixed by hosed water under pressure. Effective mixing can also be achieved by simply whisking the powder into water using a steel wire whisk easily made up from reinforcement tie wire on site.
3. Balling-up of the powder during mixing will result in a thinner primer, which can affect successful priming.
4. The longer the mixture is left standing the better and may be left ready-mixed overnight.
5. For greater than average hose lengths, extra primer will be required.
6. Additional water may be required when plasticized mixes are to be pumped.
7. Prime-a-Pump is not a concrete admixture and not intended to be added directly to the concrete.
8. The mixture should be discharged outside the pour area.
9. Using excess quantities or mixing the primer too thin or too thick can affect successful priming.

GENERAL NOTE – Applicable for both methods

This product contains no risks to health and has no harmful effects to fresh or hardened concretes when used as directed. Full material safety data information contained overleaf.

The information contained herein is accurate to our best belief. As the use and handling of this product is beyond our control we are unable to make guarantees or accept liability or responsibility for loss or damage caused as a result of any misuse of this product. Sale is strictly in accordance with our standard terms and conditions. Should you require further details or technical assistance, please contact your local supplier or consult us direct.

SAFETY NOTE

Prime-a-Pump™ is a slippery substance, in the event of accidental spillage; sand or similar absorbing materials should be spread over affected areas. Water will also help in dispersal.



MATERIAL SAFETY DATA SHEET

ISSUE DATE – Feb 2001

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT **PRIME-A-PUMP**
APPLICATION **Concrete Pump Primer**

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION

A mixture of lubricant, thickener, sequesterant and buffer

HAZARDOUS INGREDIENTS

NAME: Sodium carbonate %: 40 – 60
CAS: 00497-19-8 **HAZARD:** Irr
SUPPLY CLASS: R36

3. HAZARD IDENTIFICATION

Irritation to eyes

4. FIRST AID MEASURES

EYES Immediately and gently irrigate with clean water for at least 15 minutes
Seek medical

SKIN Wash with plenty of water
Remove contaminated clothing

INGESTION Rinse out mouth with water and give plenty of water to drink
Do not induce vomiting
Seek medical attention

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Use extinguisher suitable to cause of fire

FIRE AND EXPLOSIVE HAZARDS Not combustible

6. ACCIDENTAL RELEASE MEASURES (SPILLAGE)

MINOR SPILL Wash to drain

MAJOR SPILL Sweep up avoiding dust
Wash spill area with plenty of water

7. STORAGE AND HANDLING IN NORMAL USE

STORAGE Ambient temperatures and dry conditions

HANDLING Good ventilation avoid eye and skin contact

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (NORMAL USE)

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY Wear appropriate dust mask

HANDS Wear gloves

EYES Wear appropriate safety goggles

SKIN Wear appropriate overalls

9. PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE White fine powder

PH (10% solution) 12

Relative density ~ 1

Water solubility 25%

10. STABILITY AND REACTIVITY

STABILITY Stable in ambient temperatures

CONDITIONS TO AVOID High Temperatures

MATERIALS TO AVOID Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide

11. TOXICOLOGICAL INFORMATION

EYES May cause temporary corneal damage

SKIN Repeated contact may cause dryness

INGESTION Large doses may burn gastrointestinal tract

INHALATION High concentrations may irritate respiratory system

12. ECOLOGICAL INFORMATION

MOBILITY Soluble in water

PERSISTENCE TO DEGRADABILITY No data available

AQUATIC TOXICITY Low

13. DISPOSAL CONSIDERATIONS

Via an authorised disposal agent to an approved disposal site
Observe all local, national and International regulations

14. TRANSPORT INFORMATION (REGULATIONS)

TRANSPORT CLASSIFICATION Not classified

15. REGULATORY INFORMATION (SUPPLY & LABELLING)

SUPPLY CLASSIFICATION Irritant.

RISK PHRASES R36 Irritating to eyes

SAFETY PHRASES S22, 26 Do not breath dust

In case of contact with eyes rinse immediately with water and seek medical advice.

16. OTHER INFORMATION

The information is to the best knowledge of the company. Concrete Pumping Products Ltd does not accept any liability whatsoever arising out of the use of this information, or any use application, adaptation, misuse or processing of the product described therein. Contact the supplier for further information.