



## MAYCO FLAKE SEAL

### INTRODUCTION

FLAKE SEAL is a formulated blend of sized calcium carbonate particles and flaked calcium carbonate particles to effectively seal a wide range of pore openings with minimum invasion into the porous zone. FLAKE SEAL may be used in all oil field completion brines.

### RECOMMENDED USES

FLAKE SEAL is used in conjunction with TEKPLUG XL and TEKPLUG XL HD in completion brines to provide primary and secondary bridging materials to seal perforations or screens across loss zones and slow or stop severe fluid loss to the formation.

### MAJOR ADVANTAGES

FLAKE SEAL used in conjunction with the TEKPLUG products improves the sealing ability of TEKPLUG to stop fluid loss across high permeability zones and screens.

FLAKE SEAL is compatible with all oil field brines.

FLAKE SEAL is completely acid soluble.

FLAKE SEAL requires no special mixing equipment.

FLAKE SEAL is non-damaging to the formation and is compatible with all TEKCOR additives as well as most other oil field chemicals.

### RECOMMENDED TREATMENT

FLAKE SEAL application varies depending on the pipe geometry and perforated interval as well as the severity of the fluid loss. In general, the treatment rate for FLAKE SEAL is one pail per 3 barrels of brine along with 2 barrels TEKPLUG XL or TEKPLUG XL HD yielding a 5 barrel pill. The total volume of the pill is based on interval volume and loss rate.

For severe fluid loss control, TEKCOR SEAL may be used in conjunction with FLAKE SEAL to increase the population of bridging solids in the pill. SEAL may be added up to a 2 to 1 ratio of FLAKE SEAL. For example, 2 sacks of SEAL may be added to a 5 bbl pill using 1 sack of FLAKE SEAL and 2 barrels of TEKPLUG XL or TEKPLUG XL HD.

### SAFETY AND HANDLING

Avoid skin and eye contact. Avoid inhalation or ingestion. If exposed, wash skin with soap and water, flush eyes with water and seek medical assistance. If ingested, seek medical assistance. Remove contaminated clothing and wash before reusing. Have adequate ventilation or use proper respirator. Wear protective face shield.

Dispose of according to applicable regulations.

Consult MSDS prior to use.

### PACKAGING

FLAKE SEAL is available in 5 gal pails.

### AVAILABILITY AND PRICING

FLAKE SEAL can be purchased from any TEKCOR Technology stock point or from the main TEKCOR Plant in Houston, Texas. Standard pricing is per 5 gal pail.

### PRODUCT IDENTIFICATION

Series 320-A-5

### NOTICE OF DISCLAIMER

Information contained in this report is furnished without charge or obligation and is accepted at recipient's full risk. In so providing this report, MAYCO WELLCHEM, INC. makes no warranties, expressed or implied, regarding the merchantability or fitness of anything contained therein.