

# MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE



## MCI®-2006 NS



### PRODUCT DESCRIPTION

MCI®-2006 NS is a powdered concrete admixture with an organic-inorganic formulation that contains migrating corrosion inhibitors.

MCI®-2006 NS provides excellent protection to reinforcing steel and other metals embedded in concrete from corrosion induced by carbonation, chlorides and other destructive elements of the environment.

MCI®-2006 NS protects rebar from corrosion using inhibitors with field-proven migration ability.

### FEATURES

MCI®-2006 NS offers engineers, owners, contractors, DOTs and government agencies a time-proven corrosion inhibiting technology that will extend the life of all reinforced concrete structures.

- Protects against the harmful effects of corrosion even in the densest concrete
- Required dosage is not affected by the chloride concentration
- Does not contain calcium nitrite
- Non-hazardous and non-toxic

- Safe and environmentally friendly
- Technology is lab and field tested worldwide
- Concentrated for cost effectiveness on all projects
- Protects both anodic and cathodic areas
- Will migrate to adjacent areas to protect surrounding metals
- NSF Standard 61 approved for potable water applications (certified by Underwriters Laboratories)

### TYPICAL USES

MCI®-2006 NS is recommended for:

- All reinforced, precast, prestressed, post-tensioned or marine concrete structures
- Steel-reinforced concrete bridges, highways and streets exposed to corrosive environments (carbonation, deicing salts and atmospheric attack)
- Parking decks, ramps and garages
- All reinforced marine concrete structures
- Concrete piers, piles, pillars, pipes and utility poles
- Restoration and repair of all reinforced concrete commercial and civil engineered structures
- Can be added either to the water or powder on-site for shotcreting applications
- Can be added into a manufacturer's repair mortar formulation to enhance its corrosion protection ability

### DOSAGE

Add MCI®-2006 NS to the concrete mix at a rate of 1 lb/yd<sup>3</sup> (0.6 kg/m<sup>3</sup>).

### APPLICATION

MCI®-2006 NS can be added to concrete powder at the ready-mix plant, directly into in a ready-mix truck drum or portable mixers. Concrete should be mixed thoroughly.



## TYPICAL PROPERTIES

Appearance	Off-white powder
pH	11.5-13.0 (1% solution)
Non-volatile Content	99.5-100%

## PACKAGING AND STORAGE

MCI®-2006 NS is available in 5 lb (2.3 kg), 50 lb (23 kg) and 100 lb (45 kg) packages. The shelf life of the product is 24 months in a sealed drum.

## FOR INDUSTRIAL USE ONLY

## KEEP OUT OF REACH OF CHILDREN

## KEEP CONTAINER TIGHTLY CLOSED

## NOT FOR INTERNAL CONSUMPTION

## CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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