TITLE OF THE INVENTION

~~CEMENT ADMIXTURE, CEMENT COMPOSITION, AND HEXAVALENT CHROMIUM REDUCTION METHOD USING SAME~~

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

[0001]

The present invention relates to a cement admixture and a cement composition used in the civil engineering and construction fields, and a method for reducing hexavalent chromium using them.

DESCRIPTION OF THE PRIOR ART

[0002]

There have so far been expanding agents used for the purposes of increasing the initial strength of cement concrete, preventing its cracking and introducing chemical prestress in it (Patent Publications 1-4).

[0003]

In the meantime, it has been known that tin sulfates provide an effective material capable of reducing hexavalent chromium dissolving out from cement concrete (Patent Publication 5, and Non-Patent Publications 1 and 2).

Patent Publication 5 teaches to the effect that "known additives such as hardening accelerators, hardening retarders, contraction or shrinkage reducers and rebar rust-preventives and special admixtures such

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