



INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

"KEY ELEMENTS FOR A SUSTAINABLE WORLD: ENERGY, WATER AND CLIMATE CHANGE"

New Paint without the Use of Coal Tar

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Abstract

Due to the Sherwin-Williams concern about the environmental impact and reduction of the hazards in all the supply chain, Sherwin-Williams has developed low toxicity coatings, EPOXY TAR FREE. This painting was developed and introduced in the market with the intention of substitution of EPOXY TAR BASE coatings, which exhibit high inherent toxicity, due to the PITCH, the main raw material of these types of paints.

This work has as objective, to demonstrate through comparative tests among TAR base coatings, traditionally used versus the new product TAR Free, some laboratory tests and economical study to show the efficiency of the new product.

Keywords: Tar Free, Epoxy coatings, clean production.
