

AMQUAT SS 211 Wood Preservative

DATA SHEET

INTRODUCTION

AMQUAT SS 211 is new generation wood preservative which is non arsenic and non chromium.

AMQUAT SS 211 is based on ammonical copper quaternary.

Ammonical copper quaternary wood preservatives are made up of copper which is a fungicide and quaternary ammonium compound which also augments the fungicidal treatment is a wood preservative.

Quaternary ammonium cations, also known as quaternary ammonium salts, quaternary ammonium compounds or "Quats", are salts of quaternary ammonium cations with anions.

Water borne preservatives like AMQUAT SS 211 leave a dry paintable surface. AMQUAT SS 211 is used on lumbers, logs, timbers, landscape ties, fence posts, decking, building and utility poles, land fresh waters and marine pilings, sea walls, wood shingles and other wood structures.

SALIENT FEATURES

Very strong affinity for surfaces

Low toxicity and biodegradable properties

High biocidal capacity

Ideal for ground contact applications

Powerful surfactant

The quaternary ammonium compounds adsorb on almost any surface resulting in the formation of a monolayer

The quaternary ammonium compounds contain a hydrophobic group

Good wetting and adhesion properties.

Very effective against brown rot, white rot, blue stains, insects, molds, etc.

Penetrates deeply in wood and remain for a long time.

Environmentally advanced and friendly.

Do not contain arsenic or chromium

Provides same level of protection to wood as CCA or CCB preservatives

Highly cost effective.

Do not contain arsenic, chromium or other EPA classified hazardous chemicals.

Provide long term protection from rot, decay and termite attack.

Useful in environmentally sensitive settings.

Enhance worker safety.

Offers wide selection of treatable timber species.

Easily painted or stained.

Application

Can be used by vacuum pressure treatment process.
One may use it by dipping process also.
Application by brushing requires minimum two coats.
For dipping process drying time should be 72 hours in open air.

Standards

AWPA (American wood preservers association)
Australian standard AS-1604 1997
JIS Japanese standards
CAS – Canadian standards association
NWPC – Nordic wood preservation council

Wood hazard class

AMQUAT SS 211 is ideal for wood hazard class H1 to H5

Physical Properties

Form	Blue liquid
Solubility -	Water
Odour -	Ammoniac
Ph -	11
Density :	1.1

Disclaimer

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