

Treated Wood Options

MCA

Micronized Copper Azole

Microscopic copper particles work as a pesticide
Less corrosive to metal fasteners
Not defined as hazardous waste
Safe for land and water uses

CCA

Chromated Copper Arsenate

35.5% - 65.5%	18.1% - 19.6%	16.4% - 45.1%
Chromium	Copper	Arsenic

Introduced in the 1940s
Banned for residential use on Dec. 31, 2003
Still available for restricted commercial use
Easily recognized by its green color

CA

Copper Azole

Comes in 3 different varieties for various uses
Uses copper as the primary insecticide/fungicide
Not defined as hazardous waste
Safe for land and water uses

Creosote

Distillation of Coal Tars

First patented & commonly used in 1838
Commonly used on utility poles and railroad ties
Not available for residential use



Borates

Disodium Octaborate Tetrahydrate

15.02%	67.50%	17.48%
Sodium Oxide	Boric Oxide	Water



Introduced in 1948 - Standardized in 1990
Odorless, colorless and non-corrosive
Not defined as a hazardous waste
For interior applications only

Resources

http://digitalfire.com/4sight/material/disodium_octaborate_tetrahydrate_2300.html
<http://www.epa.gov/oppad001/reregistration/cca/borates.htm>
www.greatsouthernwood.com/products/product.aspx?id=17
<http://web.utk.edu/~mtaylo29/pages/Micronized%20copper%20wood%20preservative.htm>
<http://npic.orst.edu/ingred/ptype/treatwood/microcopper.html>
<http://www.epa.gov/oppad001/reregistration/cca/>
http://www.atsdr.cdc.gov/CCA-Treated_Wood_Factsheet.pdf
<http://www.epa.gov/pesticides/wood-preservatives/cca/acq.htm>
http://www.ccaresearch.org/about_cca.htm
http://www.epa.gov/pesticides/factsheets/chemicals/creosote_main.htm
<http://www.atsdr.cdc.gov/substances/toxsubstance.asp?toxid=18>
<http://fwrc.msstate.edu/pubs/preservation.pdf>
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