



**Manufactured by a PEFC certified supplier.**

(Program for the Endorsement of Forest Certification) certified lumber. Before lumber can receive this certification it is subjected to rigorous assessment. What is the PEFC? The PEFC is a non-profit, non-government organization which promotes sustainable managed forests through certification. In addition, the PEFC is the world's largest certification system. For more information about the PEFC visit [www.pefc.org](http://www.pefc.org).

**Siena Engineered Wood uses WOCA oil which is completely VOC free.**

WoodCare Denmark, the manufacturer of WOCA oils, was founded more than 30 years ago on the assumption that customers of its products would welcome an environmentally friendly finish for their wood floors. They began to lower WOCA Oil's VOC content long before regulations made it necessary to do so, and to levels much lower than the most stringent rules.

Feeling very strongly about protecting our working and living environment, WoodCare decided to take it a step further and began to do research. In January 2008 came the result: WOCA oils were introduced, all completely VOC-free!

**What is VOC?**

VOC is short for Volatile Organic Compounds, which include a variety of chemicals, some of which may have short- and long-term adverse health effects. The most common VOC is methane, which is the primary component of natural gas. Methane is also released in agriculture and when burning biomass such as wood. Common artificial VOCs include paint thinners, dry cleaning solvents and gasoline.

Many VOCs are found around the house, such as the solvents used in wood preservatives, paint, varnishes and chemicals for sealing and finishing home interiors. Some furnishings, carpet backing, plastics and cosmetics also contain organic chemicals. Studies indicate that while people are using products containing organic chemicals, they can expose themselves and others to high pollutant levels, and elevated concentrations can persist in the air long after the activity is completed.



### **How VOCs affect our environment**

As these products are being used or when components oxidize, vapors of VOCs escape into ambient air and contribute to indoor and outdoor air pollution. Many VOCs, especially methane, are greenhouse gases and contribute to global warming. The Environmental Protection Agency has found concentrations of VOCs in indoor air to be 2 to 5 times greater than in outdoor air.

### **What is being done?**

Realizing a need to reverse the negative environmental impact of VOCs, local, regional and state governments in many countries have, during the past several years, put in place ever more stringent regulations limiting VOC emissions. In the US, California has been at the forefront requiring significantly lower levels of VOC in many products.

WOCA oil finishing products are truly enabling consumers to make an environmentally friendly choice, while ensuring that their wood floors look beautiful and are well protected.

Learn more about WOCA oils at <http://www.woodcareusa.com>