

# TECHNICAL BULLETIN

## Off Gassing

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**Off-gassing is the process by which VOCs (Volatile Organic Compounds) are released into the air we inhale.**

The term “organic” in VOCs denotes that these chemicals contain carbon compounds that readily convert to vapor or gas. The concern with VOCs lies in their potential carcinogenic properties, which may increase cancer risk.

### **Common Volatile Organic Compounds**

#### **Some of the typical VOCs are:**

- Formaldehyde
  - Chloroform
  - Phthalates
  - Acetone
  - Ozone
  - Ethanol
  - Chemical Flame Retardants
  - Methylene chloride
  - Benzene
  - Perchloroethylene
  - Nicotine
  - Carbon
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Natural wood products, such as those sold under the TFP and Black Label™ brands, are generally VOC-free when no adhesives, treatments, or coatings are used, with the exception of wood dust. Wood dust is considered a potential carcinogen, so appropriate respiratory protection is necessary when cutting or sanding these wood products. You can find an MSDS (Material Safety Data Sheet) on our website.

For wood adhesives, treatments, coatings, or finishes, always refer to the manufacturer’s MSDS and adhere to their instructions.

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