

Warehouse .pdf



## Monocote SDS Review

**Instructor --** Chris Jenkins

**Division --** Seattle

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**Expiration Date --** Does not expire

**Job Name --** Warehouse

**Foreman --** Zachary Stewart

**Attendance --** Zachary Stewart, Chris Jenkins, Tobias Loeffelbein, Devin Bass

**Comments:**

## Overview

Monokote is a spray-applied fireproofing material used to protect steel and other building elements. It is intended for **professional use only** and contains ingredients that pose health risks when not handled properly.

**HAZARDS ASSOCIATED WITH MONOKOTE products:** (For the most accurate information, please refer to the specific product Safety Data Sheet (SDS) prior to use.)

**Reproductive Hazard:** Some products may damage fertility or the unborn child if ingested.

**Crystalline Silica Dust:** Some Monokote products contain quartz (a form of crystalline silica), typically less than 5%. Inhalation of airborne silica dust over time can lead to **silicosis**, a serious lung disease. The principal symptoms of silicosis are cough and breathlessness.

**Asbestos:** Some older forms of monokote may contain asbestos.

**Skin Irritation.**

**Eye Damage.**

**Respiratory irritation.**

### **PROTECTIVE MEASURES FOR SPRAY APPLICATORS:**

**Respiratory protection: Avoid breathing dust!** In case of inadequate ventilation wear respiratory protection. Where excessive dust may result, wear an approved mask.

**Hand protection:** Impermeable protective gloves.

**Clothing:** Protective coveralls, contaminated clothing must not be worn outside of the workplace. Take off contaminated clothing, place it in protective bag, and wash it before reuse.

**Eye protection:** Chemical goggles or safety glasses.

**Hearing protection:** (if using loud spray equipment.)

Do **not** eat, drink, or smoke while handling Monokote.

Follow all special handling instructions. Store product in sealed, labeled containers in well-ventilated areas.

Spray in designated areas to reduce exposure to others.

Clean spray equipment according to manufacturer's recommendations: never with compressed air.

### **PROTECTIVE MEASURES FOR WORKERS AROUND DRY MONOKOTE**

Approved dust mask is recommended.

Safety goggles.

Gloves and long sleeves to prevent skin irritation.

Wash hands and any exposed skin after contact.

Avoid cutting, drilling, or disturbing Monokote without first assessing if dust controls are in place.

Wet methods (e.g., misting with water) should be used to reduce dust when disturbing Monokote.

Minimize generating dust during clean up. Sweep or shovel it into suitable containers for disposal.

### **Environmental Precautions**

Avoid release to the environment.

Notify authorities if product enters sewers or public waters.

Dispose in a safe manner in accordance with local/national regulations.

### **FIRST AID & EMERGENCY ACTIONS**

**Inhalation:** Move to fresh air. If symptoms of irritation persist, seek medical attention.

**Skin Contact:** Wash thoroughly with water. If irritation occurs, consult a doctor.

**Eye Contact:** Rinse eyes gently. Remove contact lenses if present.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek immediate medical help.

## **KEY TAKEAWAYS**

**Understand the SDS:** Monokote is not hazardous under normal use, but misuse or disturbance of the dry product can lead to health risks.

**Protect Yourself:** Wear the correct PPE and follow safe handling practices whether you're spraying or working around cured material.

**Stay Informed:** Always read labels and follow SDS instructions. Ask questions if anything is unclear.

## **Remember This!**

If you're unsure about how to handle or work around Monokote, STOP and ASK. The full SDS for Monokote products at used at HBI - (CAFCO® 300, 300 SB, 300 HS, 300 AC, 300 ES and CAFCO® FENDOLITE® M-II) are available to review in the LMS, under the SDS tab.