

# TECHNICAL DATA SHEET

**Product:** **MASCOKOTE VOC**  
**Revision Date:** 5/18/2023

## DESCRIPTION

MASCOKOTE VOC is a chemical release agent for concrete forms which effectively prevents the bonding of concrete to steel, conditioned aluminum, plywood, composite forms, and plastic formliners. MASCOKOTE VOC is manufactured with organic chemicals which reacts with concrete to prevent adhesion and provide a quick, easy release. It contains no kerosene, wax or silicones. It is a mineral oil based release which will help to prevent rust and corrosion on steel. MASCOKOTE VOC is a thin amber liquid that remains fluid at subfreezing temperatures.

## BENEFITS

- EPA V.O.C. Compliant
- Waterproofs & prevents forms from rotting
- No staining or pitting
- Saves on material costs with high coverage rate
- Low odor
- Helps protect formwork against rusting

## EFFECTS ON CONCRETE

- Eliminates bug holes caused by thick form oils
- Provides a quick, easy release without staining, discoloration, or pitting
- Leaves no residue or cement dust on the concrete surface when properly applied
- Concrete is left with a smooth surface and ready for application of curing compounds, sealers, and coatings
- When any subsequent coatings are to be applied to form finished concrete, follow the application instructions of the subsequent coatings manufacturer

## APPLICATION

Forms should be free of dirt, hardened concrete, rust, scale, and other foreign matter. Release agent is ready to use direct from container. Apply a thin film using an atomizing or misting spray tip to maximize product performance and economy. Spray uniformly with cross spray to avoid pin holes and uncoated areas. Over application will not produce better results and may cause dusting. Puddles should be wiped up with rags prior to pouring concrete. Prior to coating plywood forms, apply one or two heavy brush coats to edges for waterproofing protection.

## COVERAGE

Steel & Aluminum	2000 sq ft/gal
Plastic & Fiberglass	2000 sq ft/gal
HDO plywood	2000 sq ft/gal
MDO plywood	1500 sq ft/gal
BB Grade plywood	1000 sq ft/gal
Dimensional Lumber	1000 sq ft/gal

## COMPLIANCES

Corps of Engineers CEGS-03300, Section 10.8 Form Coating Navy Dock and Piers 56359  
EPA V.O.C. Compliant

## PHYSICAL PROPERTIES

Finished Appearance:	N/A
Color:	Light Amber in Container
Flash Point:	264°F
V.O.C. Content	< 450 g/L

## CAUTIONS

- For subsequent coatings over from finished concrete, follow recommended application procedures by paint or coatings manufacturer.
- Not recommended for use when forms are to be removed in less than 12 hours unless heat is used to speed curing time
- Not recommended for untreated masonite, untreated paper, or foam
- Over application may cause concrete dusting
- Should not be applied to reinforcing steel
- Should not be used as bondbreaker
- Keep out or reach of children
- Do not cut top off drum with torch
- Keep away from open flame or excessive heat
- Avoid inhalation of vapors. Use only with adequate ventilation
- Avoid contact with skin. Protective clothing is recommended in case of splashing. Flush eyes with water if contact occurs
- Avoid ingestion of material. If ingestion occurs, contact a poison center or physician
- Additional precautions, safety information, and first aid treatment are contained in the Safety Data Sheet

## PACKAGING

5 gallon and 55 gallon containers  
Storage: 45°F to 90°F  
Shelf life: 2 years unopened, protected storage  
Freight Class: Class 55  
DOT Hazard Class: Non-regulated  
Packing Group: Non-regulated  
Shipping Name: Non-regulated

## HAZARD IDENTIFICATION

Expect to have a low degree of toxicity by inhalation. Excessive inhalation of vapors and/or spray/mist may cause respiratory irritation, dizziness, weakness, nausea, headache, loss of coordination and fatigue. Contact with eyes may cause mild irritation, including stinging, watering

# MASCOKOTE VOC | technical datasheet

and redness. Skin irritant: prolonged skin contact may cause redness and irritation. Ingestion: may be ingested by accident. Ingestion may cause irritation and malaise. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

## FIRST AID

- Ingestion: Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
- Inhalation: Move to fresh air. Call a POISON CENTER/ doctor if you feel unwell.
- Skin Contact: Remove contaminated clothing and shoes. Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention.
- Eye contact: Flush thoroughly with water. If irritation occurs, get medical assistance. Continue to rinse for at least 15 minutes.

## CLEANUP INSTRUCTIONS

Sprayers and other application equipment can be cleaned with MASCO CITRIS CLEAN. Clean drips and over spray while still wet. Clean glass and other non-absorbent materials soon after application.

## TECHNICAL SERVICE

For application procedures of surface conditions not specified above, please contact:

**MASONS SUPPLY COMPANY**  
2637 SE 12th Ave.  
Portland, OR 97202  
(503)234-4321, FAX (503)234-5606  
masco.net

## DISCLAIMER OF WARRANTIES AND LIMITATIONS OF LIABILITY

MASONS SUPPLY CO. (Seller) warrants that if any goods supplied prove defective in workmanship or material, that Seller shall replace them or refund their purchase price. THIS WARRANTY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND/OR FITNESS WHICH ARE HEREBY DISCLAIMED. IT IS UNDERSTOOD AND AGREED THAT BUYER'S SOLE REMEDY, AND THEREFORE SELLER'S LIABILITY, WHETHER IN CONTRACT, TORT, UNDER ANY WARRANTY, IN NEGLIGENCE, OR OTHERWISE SHALL BE LIMITED TO THE RETURN OF THE PURCHASE PRICE PAID BY PURCHASER OR REPLACEMENT OF ANY DEFECTIVE GOOD'S SOLD BY SELLER AND UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. THE PRICE STATED FOR THE GOODS IS A CONSIDERATION IN LIMITING SELLER'S LIABILITY. Before application, the User shall determine the suitability of the product for his intended use and User assumes all risks and liabilities whatsoever in connection therewith. The terms of this paragraph may not be orally modified. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE FACE HEREOF.