



MASONS SUPPLY COMPANY

OREGON

WASHINGTON

MASCO BIORELEASE

100% Biodegradable Water Based Form Release Agent

DESCRIPTION

Using the latest micro-emulsion technology, MASCO BIORELEASE is an innovative, 100% natural, organic chemical release agent. Ideal for sensitive environmental situations such as bridge formwork over rivers and streams or potable water reservoirs. MASCO BIORELEASE provides quick, easy release and leaves an architectural bondable concrete surface.

BENEFITS

- Organic
- Biodegradable
- No petroleum
- Environmentally friendly
- V.O.C. compliant
- Ready to use
- Odorless
- Non-staining

USAGE

- Chemically releases concrete from plywood, steel, aluminum, polystyrene, and fiberglass forms and formliners.
- Prevents concrete build-up on all equipment.
- Cleans and reconditions forms.
- Helps eliminate buildup and bugholes.

MIXING INSTRUCTIONS

Stir MASCO BIORELEASE slowly and thoroughly using slow speed mixing equipment before each use.

APPLICATION TECHNIQUES

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, let change from white to clear before pouring concrete. 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.

Light fogging of prestress and precast forms prior to each use will produce a clean cast with a lighter finish and

fewer bug holes. Less works better. With continuous use, beds will stay clean and rust-free. Cleaning of forms will be greatly simplified, reducing expensive maintenance.

COVERAGE

Steel, Aluminum, Plastic and High Density Plywood:

1000–1500 sq ft / gal

Medium Density Plywood, Paper Column Forms:

1000–1250 sq ft / gal

BB Grade Plywood:

1000 sq ft / gal

Rough Sawn Lumber, Straited Plywood:

First use, 2 coats: 500 sq ft / gal / coat

Subsequent uses: 1000 sq ft / gal

COMPLIANCES

- Tested and certified to the performance requirements of NSF/ANSI 61
- Corps of Engineers CEGS-03300, Section 10.8 Form Coating
- Navy Dock and Piers 56359
- V.O.C. Compliant
- 100% Biodegradable

PHYSICAL PROPERTIES

Finished Appearance: Clear

Color: Milky White in Container

Flash Point: None

V.O.C. Content: 0 g/L

LIMITATIONS

For subsequent coatings over concrete, follow recommended application procedures by paint and coating manufacturers. When any material is to be applied on top of the concrete, follow the application instructions of the manufacturer. Protect from freezing.

CAUTIONS

- For subsequent coatings over form 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 a bondbreaker.
- Keep out of 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. Contact areas should be thoroughly washed with soap and water.
- Avoid contact with eyes. Protective goggles are 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 treatments are contained in the Material Safety Data Sheet.

PACKAGING

5 gallon and 55 gallon DOT approved containers.

Storage: 40° F to 85° F

Protect from Freezing.

Shelf Life: 1 year unopened, in protected storage.

Freight Class: Class 55

DOT Hazard Class: Non-regulated

Packing Group: Non-regulated

Shipping Name: Non-regulated

HAZARDS 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 and redness. Skin irritant; contact may cause redness, burning, drying and cracking of the skin and skin damage. Ingestion is not expected to be a relevant route of exposure. Aspiration hazard; this material can enter the lungs during vomiting or swallowing and cause lung inflammation and damage (pneumonitis and/or pulmonary adema).

FIRST AID

Inhalation: Remove victim from exposure to fresh air. If victim has difficulty breathing, administer oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated shoes and clothing, flush affected area with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected

area thoroughly by washing with mild soap and water. If irritation or redness develops, seek medical attention.

Ingestion: Aspiration hazard; do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek medical attention.

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 or surface conditions not specified above, please contact:

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