



## #32-920 / #32-989 Bio-Release Form Release

### DESCRIPTION

Bio Release is a dual action, biodegradable, emulsified concrete form release agent suitable for use with all types of forming materials. Bio Release is available in a ready to use formulation and a concentrated version, Bio Release Concentrate.

### USES

- All types of forming materials and form liners including elastomeric, PVC and EPS
- Poured in place, architectural and precast concrete
- Fiberglass, wood or plastic concrete molds
- Equipment such as paving machines, bucket hoists, concrete pumps and buggies
- All types of metal door and window frames

### ADVANTAGES

- Very low V.O.C. content will meet any EPA requirement
- Will not stain white or light colored architectural or precast concrete
- Dual action-barrier and lightly reactive
- No odor
- Extends the life of forms, inhibits oxidation of metal forms
- Clings better to vertical surface
- Reduces labor cost of stripping and cleaning forms and equipment

### TECHNICAL DATA

- Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

V.O.C. Content 13 gm/L

### PACKAGING

Bio-Release is available in 5 U.S. gallon (18.9 liter) pails, shipped 36 per pallet shrink wrapped.

### ESTIMATING GUIDE

Coverage rates for Bio Release are estimated. Actual coverage will vary depending on the porosity of the form.

	Ft. <sup>2</sup> /gal.	M <sup>2</sup> /L
Wood, Plywood, EPS	900	22
HDP	1200	29
PVC, Plastic finishes	2000	49
Metal, Smooth fiberglass	2000	49

### DIRECTIONS

**Surface Preparation:** Forms to be coated must be clean and free of any dust, dirt, laitance, hardened concrete or residue that might discolor new concrete.

**Application:** Apply Bio Release with a brush, roller or pressurized sprayer. Wipe off excess and drips with a clean, soft rag. Wait a minimum of 60 minutes before pouring concrete.

**New Wood Forms:** Apply initial coat of Bio Release at a rate of 900 Ft.<sup>2</sup> per gallon (22 M<sup>2</sup> per liter) and do not wipe. Allow release agent to absorb into wood surface. For extremely porous forms, a second saturation coat may be necessary prior to first use.

Allow forms to dry and recoat and wipe excess as stated above.

### CLEANUP

Clean tools and equipment used to apply Bio Release with detergent and warm water.

### STORAGE

Do not allow to freeze. Store tightly sealed containers in dry area at a minimum temperature of 40°F (4°C) Shelf life of properly stored material is two years from date of manufacture.

### LIMITATIONS

- Do not use as a tilt up bond breaker.
- Do not over apply. Excess release agent can cause defects, voids and bugholes on formed surface.
- In cold weather, protect from freezing. Condition material to 50°F (10°C) prior to application.

### CAUTION

Cause eye irritation on direct contact. Overexposure may cause skin and respiratory tract irritation. Do not take internally. Keep out of reach of children.

All label precautions and the MSDS must be read and fully understood before using this product. Make certain that the most current versions of the product data sheet and MSDS are being used. Proper application is the responsibility of the user. Bon Tool Co. can only make technical recommendations and cannot provide quality control on the jobsite.