



Springkote

Organic, Biodegradable Form Release

Description

Springkote is an odorless, non-petroleum form release in a vegetable oil carrier. **Springkote** offers superior performance as a release for pre-cast and architectural concrete. This release is ideal for sensitive environmental situations such as bridge formwork over rivers and streams and potable water reservoirs. It utilizes the latest micro-emulsion technology to create a 100% natural, organic chemical release agent. **Springkote**, when properly applied, will provide a quick, easy and clean release of concrete from formwork. **Springkote** will not transfer to formwork and will leave concrete free of voids and defects.

Uses

Springkote can be used on various types of forms including wood, BB plyform, aluminum, plastic, fiberglass and steel. **Springkote** can be used to protect equipment such as buckets, hoists, paving machines as well as aluminum and steel windows. **Springkote** will increase the life-span of wood forms by waterproofing, protecting, cleaning and reconditioning. It will reduce maintenance on metal forms by forming a protective, rustproof film. Significant cost savings are realized with this product based on increased coverage, extended form life and reduced labor.

Benefits

- Organic: No petroleum, no odor
- Pre-blended: Ready to use
- Non-staining: Will not discolor concrete
- Performance: Waterproofs wood and rustproofs metal
- Efficient: Maximum coverage rate
- 100% Natural: Environmentally safe
- Easy application: Brush, sprayer or roller
- Long form life
- Economical: One coat coverage
- Consistent: Strict Quality Control testing and standards

Packaging: 5 gallon (18.9 L) pail
55 gallon (207.9 L) drum

Physical Properties

*Complies with National Volatile Organic Compound Emission Standards.	
COLOR	White
VISCOSITY	200 seconds
FREEZING POINT	Less than -10°F (-23°C)
FLASH POINT	Will not ignite
V.O.C	0* g/L
STAINING	None
SHELF LIFE	1 year

Standards

Springkote meets and exceed the requirements of Corps of Engineers Specification CEGS-03300, Section 10.8.

Surface Preparation

All surfaces in contact with **Springkote** shall be free of dirt, oil, grease, laitance and other contaminants that may act as bondbreakers. All rust, scale and previously used form release agents must be removed in accordance with good concrete practices. When using new forms of any type it is imperative to thoroughly saturate with **Springkote** until complete saturation has been accomplished prior to first use.

Coverage

Actual rates may vary depending on type and porosity of the surface and application methods. Recommended coverage per gallon is as follows:

Aluminum, plastic, steel	1500 ft ² /gal (36.9 m ² /L)
Medium density plywood	1250 ft ² /gal (30.8 m ² /L)
BB grade plyform	1000 ft ² /gal (24.6 m ² /L)
Dimensional lumber	1000 ft ² /gal (24.6 m ² /L)

Mixing

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

Placing

For best results, spray application is recommended. **Springkote** may also be applied by roller coating, mopping or brushing. For maximum performance, apply a thin film to formwork. Runs or puddles should be removed with a squeegee or soft rag.

Storage

Protect from freezing. Store material in an interior, cool, dry place above 45°F (7°C). Shelf life is one year in original, unopened container.

Clean-up

Clean tools and equipment with warm, soapy water.

Limitations

In addition to the limitations already mentioned, please note the following. **Springkote** is not recommended for untreated masonite, untreated paper, aliphatic soluble form liner and form surfaces that exceed 160°F (71°C). It is not for use as a bondbreaker or concrete release agent for lift or tilt up concrete construction. Do not over apply. Over application could cause excessive surface dusting.

Regulatory

Read and follow application information, precautions and Material Safety Data Information.

HMIS

Health 1, Fire 0, Reactivity 0

VOC Content

0 g/L

Caution

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.

Technical Service

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