



# THE EUCLID CHEMICAL COMPANY

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# LINSEED OIL TREATMENT

## CONCRETE SEALER

**LINSEED OIL TREATMENT** is a blend of boiled linseed oil and solvents. When applied in a thin coating to concrete surfaces, it protects them from winter damage due to freeze-thaw cycling and the effects of de-icing salts. Two applications of the oil compound will protect concrete and increase its resistance to winter damage.

### PRIMARY APPLICATIONS

- Roads and bridge decks
- Parking ramps and curbs
- Sidewalks and driveways
- Concrete exposed to freeze/thaw cycles
- Exterior concrete surfaces

### FEATURES / BENEFITS

- Deep penetration
- Salt protection
- Ease of application
- Rapid drying

### COVERAGE

Troweled Smooth	300 ft <sup>2</sup> /gal (7.4 m <sup>2</sup> /liter)
Broomed Textured	400 ft <sup>2</sup> /gal (9.8 m <sup>2</sup> /liter)

**Material Requirements**-A two coat application using a coverage rate of 300 ft<sup>2</sup>/gal (7.4 m<sup>2</sup>/liter) for each coat will require approximately 6.7 gal (25.4 liter) of material per 1000 ft<sup>2</sup> (92.9 m<sup>2</sup>) of area.

### PACKAGING

LINSEED OIL TREATMENT is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails.

### SPECIFICATIONS / COMPLIANCES

- Linseed Oil Portion meets ASTM D-260
- Mineral Spirits Portion meets ASTM D-235
- This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table I Subpart D for Concrete Protective Coatings with a maximum V.O.C. content of 400 g/l.

**Shelf Life:** 1 year in original, unopened container.

### TECHNICAL INFORMATION

#### Typical Engineering Data

The following results were developed under laboratory conditions.

**Suitable for exposure to traffic:**.....4-6 hours

**Viscosity:** .....25-35 secs., #1 Zahn Cup

**Percent Solids by Volume**.....Min: 45% - 47%

**Flash Point:** .....Above 112°F (44°C) TCC

**V.O.C.** .....386 g/l

**Drying Time:** 2 Hours, depending on humidity and other climatic conditions.

#### Appearance

LINSEED OIL TREATMENT is a light brown material which will slightly darken concrete.

#### DIRECTION FOR USE

**Surface Preparation**-Concrete surfaces to receive treatment shall be clean, dry and free of oil, dirt, loose scale and any other contaminants.

Surfaces shall be swept clean by hand or by mechanical means. Oil and grease shall be removed as completely as possible. New concrete shall cure at least twenty-eight (28) days prior to application.

New concrete cured with wax, resin base or chlorinated rubber or other curing agents shall not be treated until such agents have completely weathered away, or been removed by other means. If in doubt, the cured concrete, smooth steel troweled or previously treated surfaces shall be given a penetration test per the manufacturer's recommendation.

**Mixing**-LINSEED OIL TREATMENT is a one component product which requires no pre-blending prior to placement. LINSEED OIL TREATMENT should be used directly from the container.

**Placement**-LINSEED OIL TREATMENT shall be applied sparingly in two coats, at the average rate of 300 ft<sup>2</sup>/gal (7.4 m<sup>2</sup>/liter) per coat. Application may be done by medium nap paint rollers or garden sprayers, using a wide fan nozzle.

The second coat may be applied as soon as the first coat is dry to touch. In warm, dry weather this requires only one to four hours, but in cool weather, drying times up to 24 hours may be required.

The preferred time for application is late afternoon so that when the concrete cools, the compound is sucked deep into the pores. Further treatment is recommended in form of a single application annually on surfaces subject to de-icing chemicals and wear. This application rate shall be at a rate of 400 ft<sup>2</sup>/gal (9.8 m<sup>2</sup>/liter).

#### **CLEAN-UP**

Mineral spirits should be used for cleaning equipment.

#### **PRECAUTIONS / LIMITATIONS**

- Flammable-Keep away from matches, cigarettes and fires.
- All rags soaked with the compound must be stored in air-tight covered steel drums.



Linseed Oil Treatment 3.03

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