



TECHNICAL DATA SHEET

TRI-DAR® 66/1A PROTECTIVE TREATMENT

Linseed Oil Anti-Scale Sealer

03050

CONCRETE MATERIALS
CONCRETE

TAMMS INDUSTRIES
JANUARY 2000 (Replaces 8/99)

- DESCRIPTION:** TRI-DAR 66/1A is a penetrating, anti-scale, linseed oil based waterproofing sealer for the protection and treatment of exterior concrete surfaces. The spraying, pouring, and pumping characteristics of TRI-DAR 66/1A are similar to linseed oil.
- USES:** TRI-DAR 66/1A protects fully cured concrete from the progressive deterioration caused by de-icing chemicals and salts. It is used on roadways, bridge decks, sidewalks, parking areas, runways, docks, floors, roofs, prefabricated concrete, and vertical and steeply pitched surfaces. It is especially recommended as a follow-up maintenance treatment for surfaces cured with linseed oil emulsions. TRI-DAR 66/1A is not recommended for dense or highly trowelled concrete surfaces, because of insufficient penetration and possible discoloration.
- COMPOSITION AND MATERIAL:** TRI-DAR 66/1A is a uniform blend of mineral spirits and boiled linseed oil. It contains driers to aid in proper drying and product penetration. TRI-DAR 66/1A complies with National AIM VOC regulations. State and local regulations may vary.
- COLOR:** Transparent, light amber liquid
- SURFACE PREPARATION:** Surface must be completely dry, structurally sound, clean, and free of all contaminants including dirt, paint, sealer, oil, and grease. New concrete surfaces must be cured a minimum of 28 days. Fasten a piece of clean, dry, blotting paper to the surface, and leave undisturbed for one hour. Surface is properly dry, if the blotting paper shows no moisture.
- APPLICATION TECHNIQUES:** Apply TRI-DAR 66/1A with airless or compression type spray equipment. Large horizontal surfaces such as parking lots are best sprayed with truck mounted boom sprayers. Backpack or tank type garden sprayers may be used for vertical applications. Small areas can be coated with mohair paint roller. Application equipment must be cleaned before use. Apply TRI-DAR only to the point of saturation. Pick up all drips, runs, and puddles with a roller. Excess material impedes proper drying and offers no additional protection. TRI-DAR is a penetrating sealer and not a surface coating.

Drying time is dependent upon temperature, humidity, and wind conditions. At 70°F and above, TRI-DAR 66/1A will normally dry in 1 to 3 hours.

Proportionately longer drying times (up to 24 hours) may be required for temperatures below 70°F.

Surfaces not previously treated will require two applications of TRI-DAR 66/1A.

The first coat must be dry to the touch before the second coat is applied. As soon as the second coat is dry to the touch, the concrete is fully protected, and ready for use. An additional protective maintenance coat may be required in 3 to 5 years depending upon the climate and the deicing chemicals used.

- COVERAGE:** Apply first coat at approximately 400 square feet per gallon. Following complete drying, apply second coat at approximately 600 square feet per gallon. Application rates will vary depending upon porosity of substrate.
- CLEAN-UP INSTRUCTIONS:** Use mineral spirits to clean application equipment immediately following use. Clean all drips and oversprays with mineral spirits.

TECHNICAL DATA

TRI-DAR 66/1A	(Value)	
Specific Gravity	0.8569 (approx)	
Viscosity - Gardner/Holdt	A-5	
Flash Point - Open Cup	120° F	
VOC Content <500 g/L		
Boiled Linseed Oil	(Min)	(Max)
Viscosity - Gardner/Holdt ASTM D1545	A	n/a
Acid Value ASTM D555	4	6
Meets: ASTM D260, AASHTO M-126, FS TT-L-190		
Mineral Spirits	(Min)	(Max)
Aniline Point ASTM D611	43° C 110° F	59° C 138° F
End Point ASTM D86		210° C 410° F
Meets: ASTM D235, AASHTO M-128, FS TT-L-291		

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9. **CAUTIONS:** Use adequate ventilation when TRI-DAR 66/1A is applied on interior surfaces.

Make test applications to determine surface porosity. Over-application will create slippery or “varnished” surfaces.

Do not apply to concrete surfaces that are less than 28 days old.

Do not apply if residual curing compounds are present. Prohibit foot or vehicular traffic until fully dried.

Do not dilute.

KEEP AWAY FROM CHILDREN AND ANIMALS.

10. **TECHNICAL SERVICE:** For application procedures or surface conditions not specified above, please contact:

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