

## TECHNICAL DATA SHEET

### DESCRIPTION

A uniform blend of mineral spirits and boiled linseed oil used for protecting exterior concrete. The Anti Spall J33 has a light amber color.

### USE

Anti Spall J33 protects new and old concrete surfaces from progressive deterioration caused by freeze/thaw cycles and deicing salts. It is specially formulated to resist the penetration of water and deicing salts.

Anti Spall J33 is especially effective for providing maximum first-winter protection on newly placed concrete and is also effective for protecting older concrete surfaces. It is an ideal product for use on bridge decks, bridge superstructures, highways, parking garages, and concrete barrier rails, loading areas, runways, and many exterior concrete surfaces.

### FEATURES

- Prolongs the life of concrete
- Resists freeze/thaw cycles and deicing salts
- Creates an effective barrier against the elements of weather
- Applies easily – by spray, roller or broom
- Dries quickly
- Provides protection for new and old concrete surfaces

### PROPERTIES

Meets AASHTO M-233-86, standard specification for: "Boiled Linseed Oil Mixture for Treatment of Portland Cement Concrete." (AASHTO M-126 and M-128 have been discontinued). Boiled linseed oil meets ASTM Specification D-260 and Federal Specification TT-L-190-d. Mineral Spirits meets ASTM Specification D-235 and Federal Specification TT- L-291 -c. Formulations will conform to most state specifications for anti-spalling compounds.

Dry time: Approx. 2 hours at 70°F (21°C) for re-coating or light traffic. Wait 12 hours for heavy traffic Dry time is temperature, humidity and wind dependent

### VOC

Complies with U.S. EPA requirements with less than 400 g/L

### ESTIMATING GUIDE

**Coverage:** Two coats are recommended. Apply the first coat at 350 sq. ft./gal. (8.6 sq m/L) When the first coat is dry to the touch, apply the second coat at 600 sq. ft /gal. (14.7 sq m/L). When the second coat is totally dry, the surface is ready for traffic. Texture and absorption of surface will influence final coverage rates.

### PACKAGING

ITEM #	PACKAGE	SIZE	
		Gallons	Liters
69180	Pail	5	18.93
69179	Drum	55	208.20

### STORAGE

Store material in a horizontal position to prevent moisture accumulation on the drum head.

Shelf life is 24 months from date of manufacture in unopened containers.

### APPLICATION

**Surface Preparation:** Surfaces should be clean of all dirt, oil, grease, curing compounds and other substances that would prevent proper penetration of the material. Prior to application, the surface should be thoroughly dry. Wait a minimum of 24 hours for a damp surface to dry out. New concrete should be cured for a minimum of 14 days before application of the anti-spalling sealer (28 days is preferred).

**Placement:** Application can be by tank sprayer, broom, roller or the use of spray bars for the larger jobs. Two coats are recommended. DO NOT OVER APPLY. ANY EXCESS OR PUDDLES OF MATERIAL MUST BE REMOVED WITH RAGS OR PAINT ROLLER. Do not apply in temperatures below 40°F (4°C). For maximum protection, apply Anti Spall J33 onto the concrete surface before it is exposed to deicing salts. Protect the spray from accidentally hitting nearby cars, buildings, grass and shrubs.

### CLEAN UP

Tools and equipment: use mineral spirits, naphtha or xylene.

### LIMITATIONS

#### FOR PROFESSIONAL USE ONLY

Product will turn the concrete to a dark amber color.

Do not over apply the product because a slippery or tacky surface may result.

Use less material on a dense or smooth troweled concrete surface.

Do not apply in temperatures below 40°F (4°C)

### PRECAUTIONS

#### READ MSDS PRIOR TO USING PRODUCT

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (Goggles, Safety Glasses and/or Face Shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

### MANUFACTURER

Dayton Superior Corporation  
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### WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.