

TECHNICAL DATA SHEET

DESCRIPTION

A high solids, water-based white pigmented, Poly Alpha Methyl Styrene (P.A.M.S.) specifically formulated for curing freshly placed concrete. The selected white pigments reflect the heat of the sun, keeping the concrete surface cooler. Formulated to comply with Federal VOC content limits.

USE

Specially designed for use on exterior commercial projects, such as highways, airport runways, concrete lined canals, dams, parking lots, engineering projects and as specified.

FEATURES

- Meets ASTM and AASHTO Standards
- Reduces shrinkage; retains moisture to reduce “plastic shrinkage cracks”
- Accelerates strength gain; strength of concrete continues to increase as long as moisture is present for hydration of cement
- Improves durability; proper curing will increase the long life of concrete
- Enhances performance; increases the compressive strength over improperly cured concrete and adds a quality appearance
- V.O.C. Compliant
- High reflectivity
- Increases wear resistance

PROPERTIES

ASTM C-309 Type 2, Class A & B
AASHTO M-148 Type 2, Class A
All local, state and federal VOC and air quality regulations.
Total Solids: 38%
Reflectance: Greater than 60%
Moisture Loss: Applied at 200 sq.ft. per gallon- .20 kg/m
Test Requirement-.55 kg/m max

Drying time:

Approximately 2 hrs. at 70° F (21°C)

VOC

Less than 300 g/L. Compliant with all Canadian and U.S VOC regulations for Concrete Curing Compounds including Federal EPA, OTC, LADCO & CARB. For areas in California governed by SCAQMD this product may be used FOR ROADWAYS AND BRIDGES ONLY (Not for Use on Curbs and Gutters, Sidewalks, Islands, Driveways and Other Miscellaneous Concrete Areas)
Meets all Federal and State solvent emission standards including California, New York and New Jersey Air Regulation Board.

Estimating Guide

Coverage: 200 sq. ft./gal. (4.9 sq. M/L)
Coverage will vary depending on the texture and porosity of the concrete. For optimum performance, apply two coats at 90 degree angles.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
306280	Drum	55	208.2

STORAGE

White Pams Cure should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head. Avoid prolonged exposure to sunlight and/or constant heat in excess of 100°F (37.8°C). Do not allow to freeze. Shelf life of properly stored, unopened containers is 12 months.

APPLICATION

White Pams Cure is made ready to use. Agitate well before using. Avoid incorporating air into liquid. Do not thin or dilute. White Pams Cure can be applied with brushes, rollers, or sprayers. Spray equipment should be supplied with neoprene hoses and gaskets. Best results are obtained when product is applied in temperatures above 50°F (10°C) and up to 80% relative humidity. Do not apply at temperatures below 45°F (7°C) or when relative humidity is above 90%.

Mixing:

White Pams Cure should be thoroughly stirred prior to each days use. Do not over-agitate or use high speed mixing equipment.

TECHNICAL DATA SHEET**CLEAN UP**

Tools and Equipment should be flushed and cleaned with water immediately after use. Use cleaning solvent such as Citrus Clean J48 for sprayers to remove cured or residual material then thoroughly flush with water to remove all solvent residue. Protect Plastic or rubber parts from solvent.

LIMITATIONS**FOR PROFESSIONAL USE ONLY**

The White Pams Cure should be thoroughly stirred prior to each use.

White Pams Cure should not be used on surfaces that will subsequently receive paint, tile, grout, sealers, or other coatings unless it is completely removed.

Not recommended for interior use.

Do not allow to freeze.

Minimum surface & ambient temperature for application, and for a minimum of 48 hours after, is 40°F (4°C); higher temperatures and lower humidity will require less curing time.

Wear rubber gloves, goggles and protective clothing.

Do not mix or contaminate with solvent, diesel fuel or other thinning agents.

Keep out of reach of children.

Do not take internally.

Do not breathe vapors.

Avoid prolonged contact with skin.

If swallowed, do not induce vomiting call physician.

PRECAUTIONS

Recommended Safety Equipment: Rubber gloves, goggles, and if applied in areas of poor or inadequate ventilation, use mine safety appliances, mask and canister: Organic Vapor Mask (No. 457081) Organic Vapor Canister (No. 7705GAM) Threshold Limit Value: 100 PPM. Ventilation system should be capable of exchanging total air volume in application area in 30 minutes or less. Avoid hazards by following all precautions found in the Safety Data Sheet (SDS), product labels and technical literature. Please read this information prior to using the product.

PRECAUTIONS**READ SDS PRIOR TO USING PRODUCT**

- 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

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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.

TECHNICAL DATA SHEET

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.