

SPEC DATA SHEET



ICS-MaxxSeal 100-50

Soil Control Liquid—White

Description— ICS-Maxxseal 100-50 is a vinyl acrylic copolymer emulsion used in soil and aggregate stabilization. ICS-Maxxseal 100-50 dries flexible, yet hard and clear and has excellent durability properties. ICS-Maxxseal 100-50 is non-hazardous and has no negative environmental impact. The polymer dries to a clear state that preserves the natural look of native soils.

Use

- Stabilization of Unpaved Roads
- Dust Control
- Haul Roads—Heavy Traffic Road improvement
- Road Base Stabilization
- Erosion Control
- Embankment stabilization

Application

Using plain water to stabilize unpaved roads and to control dust is a never-ending formidable task that offers little more than a few hours of return on an expensive investment. The futility and frustration of wasting time, money, and precious water resources is increased as the water quickly evaporates and new clouds of pollution are again released into the environment. Fighting dust pollution with plain water is a wasteful outdated method of dealing with a problem that is more easily and less costly solved with an initial application of MaxxSeal, and occasional re-applications as needed. MaxxSeal application rates for dust control can be varied to meet proper requirements for all traffic situations.

Typical Properties

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Type	Vinyl-Acrylic Emulsion Polymer
Solids	50%
Viscosity	Less than 1000 cps, #3/100 rpm
pH	4.0 – 5.0
Tg	7°C
MFFT	<0°C
Particle Size	0.47 microns
Surfactant Charge	Nonionic/Anionic
Weight/Gallon	9.05 lbs/gal
Bulking Value	0.1105 gal/lb
Freeze Thaw Stability	Do Not Freeze

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Methods of Application

Embankment, Foot Trails, Golf Cart Paths, Light Duty Road Dust Control

1. Assure that surface is even and not compacted
2. * Calculate volume of concentrate required for total surface area.
3. Mix ½ of total concentrate at 10:1 ratio with water
4. Apply this evenly over the total surface area to be treated
5. After Drying - mix ½ of balance of concentrate with water at 15:1 ratio
6. Apply this evenly over total surface area
7. After the second application dries, mix the balance of the concentrate with water at 15:1 ratio and apply over total surface area to be treated

Heavy Traffic Roads, Haul Road Surface Treatment, Dirt Parking Surface Treatment

1. Assure that surface is even and not compacted. Grade or Scarify surface if necessary using **Grader Machine**.
2. * Calculate volume of concentrate required for total surface area.
3. Mix ½ of total concentrate at 9:1 ratio with water
4. Apply this evenly over the total surface area to be treated using a **Water Truck** or other method
5. It may be necessary to work the product into the surface using the **Grader Machine**
6. After product is saturated into the surface and before it dries, roll compact the entire area using a **Pneumatic Rolling Compactor** machine.
7. For best results of a smooth finish, re-compact surface using a **Smooth Drum Roller** before completely dry. (*Consult Technician before doing this step*)
8. After Drying mix ½ of balance of concentrate with water at 15:1 ratio
9. Apply this evenly over total surface area
10. After the second application dries, mix the balance of the concentrate with water at 15:1 ratio and apply over total surface area to be treated

Application Equipment

Some of the pieces equipment that may be necessary for application



Grader Machine



Water Truck



Roller Compactor

Storage

Store in closed containers in cool, dry area away from direct sunlight and sources of heat. Shelf life of properly stored material is one year from date of manufacture.

Coverage

Approximately 1.0 to 1.5 gallons per 10 square yards depending on desired results and application requirements

ICS always recommends that applicator consult with technician / representative to achieve best results

Limited Warranty

All information presented herein is believed to be accurate and reliable, and is solely for the user's consideration, investigation and verification. The information is not to be taken as an express of implied representation or warranty for which ICS assumes legal responsibility. Any warranted, including warranties of non-infringement of intellectual property right of third parties, are herewith expressly excluded. ICS warrants this product for one year from the installation date, that the materials to be free from manufacturing defects and to meet the properties on the current Data Sheet if used within the specified shelf life. The Buyers sole remedy will be limited to the purchase price or replacement of product exclusive of labor or cost of labor. Since the user's specific use, applications, and conditions of use are beyond the control of ICS, ICS makes no warranty or representation regarding the results which may be obtained by the user. It shall be the responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application. ICS requests that the user reads, understands and complies with the information contained herein and the current Material Safety Data Sheet. ICS reserves the right to change or modify, at its discretion, and without prior notice, any of the information contained in this document. All ICS products are intended for use by certified trained professionals.