

POWERSTAR® 300 DENSIFYING TREATMENT

Economical odorless solution that penetrates concrete for a harder, less porous surface. For use in low to medium traffic areas

FEATURES

- *Low-cost treatment protects your investment*
- *Increases useful life of concrete structures and floors*
- *Easy to handle and apply*
- *Reduces porosity and permeability and increases hardness which results in improved wear resistance*
- *Increases chemical resistance*
- *Penetrates to provide long term performance*



RECOMMENDED APPLICATIONS

Concrete

PRODUCT DATA

Appearance:	Clear, colorless liquid
Fragrance:	None added
Coverage:	200 sq ft per gal first coat
Viscosity (Brookfield):	<10 centipoise @ 68°F (20°C)
Drying time:	Approximately 30-60 minutes
Shelf Life:	1 year, ASTM D1791-93 (1998)
Density:	9.0 lb per gal @ 68°F 1.08 kg per liter @ 20°C
Freeze/Thaw:	Do not freeze

PRECAUTIONS

Keep out of reach of children. Keep container sealed when not in use. Avoid freezing. If frozen, allow to return to room temperature slowly; mix thoroughly before using.

ORDERING INFORMATION

Product #415GL5:	2 x 2.5 gallons per case (2 x 9.5 liters)
Product #415DR5:	55 gallons

DIRECTIONS FOR USE:

1. Apply with low-pressure sprayer. Can be moved with a brush, broom, or a T-bar to ensure uniform coverage.
2. Keep surface wet with PowerStar 300 Densifying Treatment for a minimum of 60 minutes.
3. Allow floor to air dry. Do not remove the spent material from the floor.
4. After PowerStar 300 Densifying Treatment has dried, any un-reacted material can be removed with a broom.

NOTE: PowerStar 300 Densifying Treatment is a RTU product designed to be used undiluted.

USE PRECAUTIONS

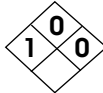
Allow to dry 1 to 2 hours prior to exposure to traffic.

POWERSTAR 300 DENSIFYING TREATMENT

LAST REVISION DATE: 05/21/08
MANUFACTURER: Amano Pioneer Eclipse® Corp.
 Sparta, NC 28675 Phone: 1-336-372-8080.
FOR CHEMICAL EMERGENCY: Spill, Leak, Fire,
 Exposure or Accident **CALL CHEMTREC - Day
 or Night 1-800-424-9300** Toll Free in the
 Continental US **483-7616** in DISTRICT OF
 COLUMBIA. For calls originating outside the US:
 Call Collect **1-202-483-7616** Washington, DC.

SECTION I: GENERAL INFORMATION

PRODUCT NAME: PowerStar® 300 Densifying
 Treatment
PRODUCT #: 415
PRODUCT TYPE: Acrylic co-polymer emulsion
PRECAUTIONS: Possible skin and eye irritant.
 Keep container sealed when not in use. Keep out
 of reach of children.
HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
NFPA HAZARD RATINGS



4-EXTREME 3-HIGH 2-MODERATE
 1-SLIGHT 0-INSIGNIFICANT

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT: Sodium silicate
CAS#: 1344-09-08
%: 20-35
LD₅₀ SPECIES & ROUTE: N/E

N/E = Not Established, N/L = Not Listed,
 N/A = Not Applicable

SECTION III: PHYSICAL/CHEMICAL DATA

APPEARANCE: Clear, colorless
PHYSICAL STATE: Liquid
pH: 11.0 ± 0.5
BOILING POINT: 100°C / 212°F
EVAPORATION RATE: Less than water
FREEZING POINT: Approximately 0°C / 32°F
VAPOR DENSITY: Greater than air
VAPOR PRESSURE: Less than water
DENSITY: 9.0 lb per gal @ 68°F
 1.08 kg per liter @ 20°C
SOLUBILITY IN WATER: Miscible

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: Non-combustible
EXPLOSIVE LIMITS:
 LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: N/A
SPECIAL FIRE FIGHTING PROCEDURES: None
HAZARDOUS COMBUSTIBLE PRODUCTS: None
UNUSUAL FIRE AND EXPLOSION HAZARDS:
 Materials can splatter above 100°C / 212°F.

SECTION V: REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY (MATERIALS TO AVOID):
 Strong acids, aluminum, tin, lead, and zinc
HAZARDOUS DECOMPOSITION PRODUCTS:
 Hydrogen
REACTIVITY CONDITIONS: None

SECTION VI: HEALTH HAZARD DATA

EYES: Slightly irritating to eyes. For eye contact,
 flush with a large amount of water for at least
 15 minutes. See a physician if irritation persists.
SKIN: Slightly irritating to skin upon repeated or
 prolonged contact. For skin contact, wash
 affected areas with soap and water.
INHALATION: Vapor or mist may cause
 irritation of the eyes, nose, throat and lungs.
 For overexposure, move subject to fresh air.
INGESTION: May cause irritation to mouth,
 esophagus and stomach. If ingested, DO
 NOT induce vomiting. Get medical attention
 immediately. Give cupful of water. Never give
 anything by mouth to an unconscious person.
CHRONIC HAZARDS: No known chronic hazards.
 Not listed by NTP, IARC or OSHA as a carcinogen.
PHYSICAL HAZARDS: Dries to form glass film
 which can easily cut skin. Spilled material is
 slippery when wet.

SECTION VII: SPILL, LEAK & DISPOSAL PROCEDURES

SMALL SPILLS: Mop up and neutralize liquid or
 absorb spill with inert material (e.g. sand, earth)
 and dispose of as waste material in accordance
 with local, state and federal regulations.
LARGE SPILLS: Keep spectators away. Floors
 may be slippery; use care to avoid falling. Dike
 and contain spill with inert material (e.g. sand,
 earth). Transfer liquid to containers for recovery
 or disposal and solid diking material to separate
 containers for disposal. Keep spills and cleaning
 runoff out of sewers and open bodies of
 water. If containment is impossible, neutralize
 contaminated area and flush with large
 quantities of water.
WASTE DISPOSAL: Dispose of as waste
 material in accordance with local, state, and
 federal regulations.

SECTION VIII: SPECIAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)
EYES: Wear safety glasses.
SKIN: If prolonged or repeated contact is
 possible, chemical-resistant clothing (e.g., rubber
 gloves) is recommended.
RESPIRATORY: No respiratory protection is
 required if ventilation is adequate.
ENGINEERING CONTROLS: Good general room
 ventilation is expected to be adequate. Local
 exhaust ventilation (e.g., fans) may be necessary
 when general ventilation does not keep airborne
 concentrations below any exposure limits.

SECTION IX: SPECIAL PRECAUTIONS

HANDLING AND STORAGE:
 Storage temperature (MAX. 60°C / 140°F)
 (MIN. 1°C / 34°F)
OTHER PRECAUTIONS: Keep from freezing.
 Keep containers closed. Store in clean plastic
 containers only. DO NOT store in aluminum,
 fiberglass, copper, brass, zinc, or galvanized
 containers.

SECTION X: ADDITIONAL INFORMATION

Neither this data sheet nor any statement
 contained herein grants or extends any license,
 expressed or implied, in connection with patents
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 of the manufacturer or others. The information
 in this data sheet has been assembled by the
 manufacturer based on its own studies and
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 vendee, the vendee's employees or anyone for
 any direct, special or consequential damages
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 accuracy, completeness, adequacy or
 furnishing of such information.

This MSDS has been provided to you in accordance
 with the OSHA HAZARD COMMUNICATION STANDARD
 (29CFR1910.1200).

***IMPORTANT SAFETY INFORMATION
 DO NOT DISCARD***
 PLEASE ROUTE TO COMPANY SAFETY OFFICER

