



# PRO-SEEL™

## Water Emulsion Concrete Sealer

### DESCRIPTION

Versatile water emulsion hard surface sealer to produce an outstanding wear surface with outstanding chemical resistance and durability. Scientific multi-polymer technology prepared by high pressure emulsification and polymerization. Thermoplastic resins, coupling solvents, penetrants, plasticizers, and leveling aids - all combined to produce superior gloss and durability without the fire and vapor hazard of solvent type sealers.

### PRODUCT FEATURES / BENEFITS

- Superior surface protection / Extends life of wear surface for maximum optimal appearance
- No etching required / Reduces labor costs in application
- Multi-polymer emulsion / Provides for optimum gloss, durability and chemical resistance
- High solids formula / Maximum wear surface available to eliminate re-coating
- Water-based emulsion / No toxic fumes, fire hazards or lengthy drying times

### DIRECTIONS FOR USE

A high gloss, extremely durable, easy to apply, low odor, water-based clear concrete seal for indoor use on concrete that has cured at least 24 hours. Also for sealing terrazzo, brick, stone, marble, quarry tile and other hard porosity surfaces. Used in garages, stores, shopping malls, industrial plants, warehouses, hospitals, schools and similar locations where concrete must be sealed to prevent dusting and flaking.

**Floor Preparation:** Thoroughly clean the floor using a concrete cleaner or heavy duty degreaser cleaner. On oily and greasy garage floors, use an emulsifiable solvent cleaner. Clean walls with a degreaser cleaner or pressure cleaner. Rinse cleaned surface thoroughly and allow to dry for at least one hour.

**For Concrete and Other Porous Surfaces:** Apply sealer with a brush, roller, or applicator and allow to dry for a minimum of one hour between coats. Where required for gloss or to provide uniform coverage, two or more coats may be applied. To recoat traffic lanes, clean and allow to dry, apply seal as above. Stripping is not required.

**For Use on Terrazzo, Glazed Brick, Quarry Tile, Polished Marble and Other Low Porosity Surfaces:** Use the same procedure as above, but dilute sealer with 1 part of water to permit penetration and leveling on these surfaces. Must use soft water and mix well.

### SPECIFICATIONS

Flow .....	Excellent
Leveling .....	Excellent
Durability .....	Excellent
Transparency .....	Water Clear
Chemical Resistance .....	Superior
Gloss 60° .....	91
Flexibility .....	Excellent
Emulsion pH .....	8.1 ± 0.3
Coverage .....	1st coat 600-800 sq.ft./gal
.....	2nd coat 1200-1600 sq.ft./gal

Viscosity (cps) .....	7 to 10
Nonslip .....	Yes
Flash Point .....	None
Odor .....	Mild Acrylic
Polymer Type .....	Multiple Component
Resin Type .....	Thermoplastic
Freeze-Thaw .....	Protect from Freezing
Specific Gravity (g/cc).....	1.01 ± 0.01
Density (lbs/gal).....	8.5 ± 0.1
Removable .....	Yes with special stripper
Shelf Life .....	1 year minimum in original unopened container

### SAFETY INFORMATION

**KEEP OUT OF THE REACH OF CHILDREN.**

#### Precautionary statement

**Prevention:** Observe good industrial hygiene practices.

**Response:** Wash thoroughly after handling.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Additional safety measures:

Read the entire label and SDS before using this product, and for additional first-aid measures. SDS for this product is available on the web at [www.nclonline.com](http://www.nclonline.com)

#### KEEP FROM FREEZING

Meets or exceeds 0.5 coefficient of friction as measured by James Machine Methodology. ASTM Method D 2047.

Meets requirements for USDA Authorization Class P1.

For Commercial and Industrial Use Only



FLOOR CARE



World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123  
1-800-NAT-CHEM • 215-922-1200 • FAX: 215-922-5517  
[www.nclonline.com](http://www.nclonline.com) • e-mail:[info@nclonline.com](mailto:info@nclonline.com)

## **SAFETY DATA SHEET**

### **Section 1 - Identification**

Product Identifier	PRO-SEEL Water Emulsion Concrete Sealer
Other means of identification	0525
Recommended use	Floor sealer.
Recommended restrictions	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

### **Section 2 - Hazard(s) Identification**

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Not Classified	
OSHA defined hazards	Not Classified.	
<b>Label Elements</b>		
Hazard Symbol	None.	
Signal Word	Not Available	
Hazard Statement	Not available.	
<b>Precautionary statement</b>		
Prevention	Observe good industrial hygiene practices.	
Response	Wash thoroughly after handling.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Hazard(s) not otherwise classified (HNOC)	None known.	

### **Section 3 - Composition/Information on ingredients**

<b>Mixture</b>			
Hazardous Components	Ingredient Name	CAS #	%
	1-Phenoxypropan-2-ol	770-35-4	1 - 5

### **Section 4 - First-aid Measures**

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Wash skin with soap and water. Get medical attention if irritation persists.
Eye contact	Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion	Rinse mouth thoroughly with water. Seek medical advice.
Most Important symptoms /effects, acute and delayed	Mild eye irritation.
Indication of immediate medical attention and special treatment	Treat symptomatically.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### **Section 5 - Fire-fighting measures**

Suitable extinguishing media	Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	None known.

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<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.
<b>General fire hazards</b>	This product is not flammable or combustible.

### Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

### Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Do not taste or swallow. Use with adequate ventilation. Wash thoroughly after handling. Use Personal Protective Equipment recommended in section 8 of the SDS.
<b>Conditions for safe storage, including any incompatibilities</b>	Store away from incompatible materials. Keep container closed.

### Section 8 - Exposure control/personal protection

<b>Occupational exposure limits</b>	
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Use personal protective equipment as required. Keep working clothes separately.
<b>Appropriate engineering controls</b>	Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water supply and eye wash facilities.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	Use a respirator when local exhaust or ventilation is not adequate to keep exposures below the OEL. In a confined space a supplied respirator may be required.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Section 9 - Physical and chemical properties

<b>Appearance</b>	Opaque Liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	White.
<b>Odor</b>	Acrylic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	8.2
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	None to boiling.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Equal to water.
<b>Vapor density</b>	Equal to water.
<b>Relative density</b>	1.02 ± 0.01

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Relative density temperature	75 °F (23.89 °C)
Solubilities	Soluble
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 10 cP
Viscosity Temperature	75 °F (23.89 °C)

### Section 10 - Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide.

### Section 11 - Toxicological information

#### Information on likely routes of exposure

Ingestion	No adverse effects due to ingestion are expected.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Eye contact	May cause eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	May cause eye irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

#### Information on toxicological effects.

Acute toxicity	Not expected to be hazardous.
Skin corrosion/irritation	Prolonged or repeated contact may dry skin and cause irritation.
Serious eye damage/ eye irritation	May cause eye irritation.
Respiratory sensitization	Not classified.
Skin sensitization	Not available.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.

### Section 12 - Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	The product is expected to be biodegradable.
Bioaccumulative potential	Not known.
Mobility in soil	Not available.
Mobility in general	The product is water soluble and may spread in water systems.
Other adverse effects	None known.

### Section 13 - Disposal considerations

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

# SAFETY DATA SHEET

## Section 14 - Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code	This substance/mixture is not intended to be transported in bulk.

## Section 15 - Regulatory Information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)** Not regulated.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard Categories</b>	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List**

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**US state regulations**

**US.Massachusetts RTK - Substance List**

**US.New Jersey Worker and Community Right-to-Know Act**

**US.Pennsylvania RTK - Hazardous Substances**

**US.Rhode Island RTK**

**US - California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**International Inventories**

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16 - Other information, including date of preparation or last version

**Issue date** 5/28/2014

**Version #** 01

**Disclaimer** The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

## Directions:

**Floor Preparation:** Thoroughly clean the floor using CONKLEEN™ Concrete Cleaner or ASTRO-CHEM™ Degreaser Cleaner. On oily and greasy garage floors, use an emulsifiable solvent cleaner. Clean walls with a degreaser cleaner or pressure cleaner. Rinse cleaned surface thoroughly and allow to dry for at least one hour.

**For Concrete and Other Porous Surfaces:** Apply PRO-SEEL™ Water Emulsion Hard Surface Sealer with a brush, roller, or applicator and allow to dry for a minimum of one hour between coats. Where required for gloss or to provide uniform coverage, two or more coats may be applied. To recoat traffic lanes, clean and allow to dry, apply PRO-SEEL™ Water Emulsion Hard Surface Sealer as above. Stripping is not required.

**For Use on Terrazzo, Glazed Brick, Quarry Tile, and Other Low Porosity Surfaces:** Use the same procedure as above.

## Instrucciones para Uso:

**Preparación de piso:** Limpie el piso con un limpiador de concreto o un limpiador desengrasante de alta resistencia. En el piso de garaje con aceite y grasa, use un limpiador disolvente emulsionable. Limpiar las paredes con un limpiador desengrasante o limpiador a presión. Enjuague la superficie limpiada a fondo y dejar secar durante al menos una hora.

**Para superficies porosas de concreto y otros:** Aplique el sellador con un pincel, rodillo o aplicador y dejar secar durante un mínimo de una hora entre capas. Cuando se requiere brillo o para proporcionar una cobertura uniforme, dos o más capas pueden aplicarse. Para los carriles de tráfico abrigo nuevo, limpio y deje que se seque, aplique el sello que el anterior. Eliminación no es necesario.

**Para el uso de terrazo, ladrillo vidriado, baldosas, mármol pulido y otras superficies de baja porosidad:** Utilice el mismo procedimiento que el anterior.



World Class Cleaning Solutions®



Floor Sealers

# Pro-Seel™

## Water Emulsion Hard Surface Sealer

A high gloss, extremely durable, easy to apply, water based hard surface seal for concrete, brick and other porous surfaces!

**KEEP OUT OF REACH OF CHILDREN. / SUBSISTENCIA FUERA DEL ALCANCE DE NIÑOS**

See side panel for additional precautionary statements. / Ver panel lateral para las medidas preventivas adicionales.

**NET CONTENTS: 1 GALLON / 3.79 LITERS**

**National Chemical Laboratories, Inc.**

Philadelphia, PA 19123 USA • (800) 628-2436

[www.nclonline.com](http://www.nclonline.com)

Product No.: 0525

**KEEP OUT OF REACH OF CHILDREN.**

**Precautionary statement**

**Prevention:** Observe good industrial hygiene practices.

**Response:** Wash thoroughly after handling.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

This product is not known to be a "Hazardous Chemical" as defined by the OSHA HazCom 2012 Standard, 29 CFR 1910.1200.

**Additional safety measures:**

Read the entire label and SDS before using this product, and for additional first aid measures. SDS for this product is available on the web at [www.nclonline.com](http://www.nclonline.com)

**Inhalation:** Move to fresh air. Get medical attention if irritation persists ash skin with soap and water. Get medical attention if irritation persists.

**Eye contact:** Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation persists.

**Ingestion:** Rinse mouth thoroughly with water. Seek medical advice.

KEEP FROM FREEZING

**CONTAINS:** Diethylene Glycol Monoethyl Ether CAS# 111-90-0, Tris(2-Butoxyethyl) Phosphate CAS# 78-51-3

Meets or exceeds 0.5 coefficient of friction as measured by James Machine Methodology ASTM Method D 2047.

**SUBSISTENCIA FUERA DEL ALCANCE DE NIÑOS.**

**Palabra de advertencia**

**Prevención:** Mantenga buenas prácticas de higiene industrial.

**Respuesta:** Lávese las manos después del uso.

**Almacenamiento:** Consérvese alejado de materiales incompatibles.

**Eliminación:** Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales / internacionales pertinentes.

Este producto no se sabe para ser un "Producto Químico Peligroso" según lo definido por el estándar OSHA HazCom 2012, 29 CFR 1910.1200.

**Medidas additional de primeros auxilios:**

Lea toda la etiqueta y SDS antes de usar este producto, así como medidas adicionales de primeros auxilios. SDS para el artículo está disponible en la web en [www.nclonline.com](http://www.nclonline.com)

**Inhalación:** Traslade al aire libre. Buscar atención médica si la irritación persiste.

**Contacto cutáneo:** Lavar la piel con jabón y agua. Buscar atención médica si la irritación persiste.

**Contacto ocular:** Enjuagar los ojos cuidadosamente con abundante agua durante al menos 15 minutos. Buscar atención médica si la irritación se persiste.

**Ingestión:** Enjuáguese la boca cuidadosamente con agua. Busque atención médica.

★★ MADE IN USA ★★

0525-29-0814



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INDUSTRIAL USE ONLY  
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