

ENVIRONMENTALLY RESPONSIBLE



ENVIRONMENTALLY RESPONSIBLE

# ASPIRE™

## Metal Free Floor Sealer / Finish

### DESCRIPTION

ASPIRE™ Metal Free Floor Sealer/Finish is a technologically advanced “non-zinc” Sealer/Finish. It produces an immediate wet-look gloss and is buffable with a 330 - 2000 RPM equipment for long lasting beauty and performance. This environmentally responsible formulation meets the “Industrial and Institutional Floor-Care Products Standard” (GS-40) and has been certified by Green Seal along with the companion GREEN IMPACT Speed Stripper.

ASPIRE Metal-Free Floor Sealer/Finish is recommended for use in Federal, State and Local Government Offices, Military Bases, Municipal Facilities, Day Care Centers, Hospitals, Nursing Homes, Office Buildings, Parks and Recreation Centers, Schools, Universities, Hotels, Lodging and any facility sensitive to environmental and human health characteristics.

### PRODUCT FEATURES / BENEFITS

- Technologically advanced formula provides exceptional gloss and performance rivaling traditional zinc containing finishes.
- Contains no heavy metals that can be harmful to the environment and aquatic life.
- Contains no environmentally harmful surfactants, no glycol ether based solvents, no ethanolamine, and no environmentally toxic preservatives.
- Responds to burnishing with 300 - 2000 RPM equipment
- Sealer / Finish combination simplifies floor care maintenance and controls product costs.

### DIRECTIONS FOR USE

**Initial Floor Preparation:** Completely remove the existing floor coating using recommended products. When starting an “environmentally responsible program” it is important to start with a bare floor. Make sure that the floor is clean and completely dry.

**Application:** Using a clean mop or applicator apply a thin uniform coat of Earth Sense® ASPIRE Metal Free Sealer / Finish. Allow to dry for a minimum of 30 minutes after each coat. Do not apply more than 4 coats in a 24 hour period.

**High Speed Buffing and Burnishing:** This is an ideal product for use with any speed polishing or burnishing equipment (electric, battery or

propane). For high speed buffing or UHS burnishing / restoration, use an NCL AQUA MAGIC Buffing Pad with POP & SHINE Gloss Restorer.

**Maintenance:** Maintain by dust mopping daily using mop treated with CONTROL Dust Mop Treatment. Damp mop or clean with an automatic scrubber as required, using Earth Sense® #16 pH NEUTRAL ALL-PURPOSE CLEANER.

**Stripping:** When stripping becomes necessary use the companion Earth Sense® GREEN IMPACT Rinse Free Speed Stripper following directions of the product label.

### SPECIFICATIONS

Solids (N/V%)	22 ± 0.5	Heavy Metals	None
Specific Gravity (gr/cc)	1.02	Nonylphenol Ethoxolates	None
Density (lbs/gal)	8.5	Environmentally toxic preservatives	None
Color	White, Opaque	Glycol Ether Solvents	None
Odor	Mild acrylic	Ethanolamine	None
pH	8.3 ± 0.5	Shelf Life	1 year minimum in original unopened container

### ENVIRONMENTAL RECOGNITIONS



This seal is your assurance designated NCL Earth Sense® products are formulated to minimize impact on human health and the environment.



This product meets Green Seal's environmental standard for industrial and institutional floor-care products based on its reduced human and aquatic toxicity and reduced smog production potential.

ENVIRONMENTAL PROFILE		
<b>Chemical Ingredients:</b> Heavy Metals (Zn): ..... None APE / NPE: ..... None Glycol Ether Based Solvents ..... None Environmentally Toxic Preservatives ..... None Ethanolamine: ..... None Added Dyes: ..... None Added Fragrances: ..... None	<b>Hazardous Ingredients:</b> OSHA: ..... None SARA: ..... None  <b>Water/Air/Recycle:</b> Harmful to Water Systems: ..... No Biodegradable: ..... Readily VOC Compliant: ..... Yes Recyclable Package ..... Yes	<b>Human Toxicity:</b> Skin Irritant: ..... No Skin Corrosive: ..... No Skin Sensitizer: ..... No Eye Irritant: ..... No Eye Corrosive: ..... No Eye Sensitizer: ..... No Reactive: ..... No Combustible: ..... No Flammable: ..... No Non-Toxic (LD50): ..... Yes

HMIS HAZARD CODE	
1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
0	PERSONAL PROTECTION



Floor Finish and Finishing Material As to Slip Resistance Only 18EL



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

**MATERIAL SAFETY DATA SHEET**  
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable  
Not Est. = Not Established  
Prop. = Proprietary

**SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION**

**Product Name:** ASPIRE Environmentally Responsible Metal Free Floor Sealer/Finish **Product #:** 0555  
**Supplier's Name:** National Chemical Laboratories of PA, Inc.  
**Supplier's Address:** 401 N. 10<sup>th</sup> Street · Philadelphia PA 19123 **Emergency Phone #:** CHEM-TEL (800) 255-3924  
**HMIS Hazard Code:** Health: 1 Flammability: 0 Reactivity: 0 Other: 0 **Chemical Name:** Acrylic Latex Blend  
**Chemical Family:** Floor Finish **Formula:** N.A. Blended Product  
**D.O.T. Shipping Name:** N/A **Hazard Class:** N/A **D.O.T. ID#:** N/A

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
None			

**SECTION 3 - PHYSICAL DATA**

**Boiling Point (°F):** Above 200 **Specific Gravity:** 1.02  
**Vapor Pressure:** = To Water **Evaporation Rate:** = To Water  
**Vapor Density:** = To Water  
**Solubility in Water:** Disperses  
**Appearance:** White, Opaque Liquid  
**Odor:** Characteristically Acrylic

**SECTION 4 - FIRE AND EXPLOSION DATA**

**Flash Point (°F):** None to boiling (TOC)  
**Flammable Limits:** N/A  
**Unusual Fire & Explosion Hazards:** Heated material may liberate toxic fumes. Wear self contained breathing apparatus.

**SECTION 5 - HEALTH HAZARD DATA**

**Route(s) of Entry:** Inhalation: No Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.  
**Effects of Overexposure:** May cause skin and eye irritation. If ingested, may cause severe gastric distress and blockage.  
**Emergency & First Aid Procedures:** **For Eyes:** Flush eyes with water for at least fifteen minutes. If irritation persists seek medical attention. **For Skin:** Wash thoroughly with soap and water. If irritation persists seek medical attention. **If ingested:** Induce vomiting. Give large quantities of water. Seek medical attention. Never give anything by mouth to an unconscious person.  
**Conditions Aggravated by Exposure:** None

**Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount):** None

**SECTION 6 - REACTIVITY DATA**

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility:** Avoid contact with strong acids and oxidizers  
**Hazardous Decomposition Products:** Carbon Oxides and Acrylates  
**Hazardous Polymerization:** Will not occur.

**SECTION 7 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if material is released or spilled:** Recontainerize by mopping, wet vacuum, or using a suitable absorbent.  
**Waste Disposal Method:** Follow local, state, and federal regulations.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not required  
**Ventilation:** Local  
**Protective Gloves:** Not required  
**Eye Protection:** Goggles or safety glasses with side shields  
**Other Protective Equipment:** None

**SECTION 9 - SPECIAL PRECAUTIONS**

**Precautions to be taken in handling and storage:** Store between 40°F and 120°F. Keep from freezing.  
**Other Precautions:** Keep out of reach of children. For professional use only.

The information contained in this MSDS 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 or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may be covered by this MSDS. The user is responsible for full compliance.

Date Prepared – 10/14/03 By: G.C.