



ENSEEL

Acrylic Sealer and Undercoater

DESCRIPTION

An all acrylic, water emulsion sealer that protects floor surfaces from water, dirt and abrasive wear. This product provides floor maintenance cost savings by eliminating frequent strippings and re-coatings. This pure acrylic brilliant primer is produced in high pressure reactors using proprietary designed polymer emulsions, interacted plasticizers, leveling aids, antifoam agents and deionized water to insure maximum performance.

PRODUCT FEATURES / BENEFITS

- Tough wear surface / Long lasting protection
- Water based / No dangerous fumes
- Fast drying / Less waiting time
- Designed for ease of application / May be applied by any personnel without extensive training
- All acrylic formulation / Can be stripped easily

DIRECTIONS FOR USE

A hard, clear, brilliant primer that keeps water, dirt and abrasive wear from penetrating into floors. Gives longer lasting protection, stays clear and eliminates frequent strippings thereby saving costs on maintenance. Minimizes heel marking and scuffing. Ideal as a base coat for surface worn floors or for surfaces that look dull after finish is applied. Will bring back the beauty of a new floor. An excellent glossy sealer for concrete, terrazzo and new resilient floors. Use on vinyl, rubber, etc., for extra protection, easy maintenance and improved gloss and appearance.

Preparation of Floors: Strip floor thoroughly, making sure that all old film is removed. Rinse completely and allow to dry.

Application of Sealer: Using a clean string mop or applicator, apply a thin even coat and allow to dry for at least 30 minutes. On very porous floors apply a thick coat and allow to soak to 5 minutes. Pick up excess, if any, before the sealer begins to dry. To increase the evenness of appearance of the surface a second coat may be applied. After the seal has been allowed to completely cure, apply floor finish in the usual manner.

SPECIFICATIONS

Type Acrylic
 pH 9.0 ± 0.5
 Re-coat 45 minutes
 Volatile hydrocarbon solvents None
 Drying time (minutes) 20
 Color of dried film Glass-like
 Color of liquid White

Coverage (sq. ft. / gal)..... 1st coat 1500 - 1800
2nd coat 1800 - 2000
 Non-volatile Solids (%) 16.0 ± 0.5
 Flash point None
 Viscosity (cps) < 10
 Stability Excellent
 Sediment (%)..... < 0.05
 Density (lbs/gal)..... 8.6 ± 0.1
 Specific gravity (gr/cc) 1.02 ± .02

SAFETY INFORMATION

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE SKIN AND EYE IRRITATION. KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Do not ingest. If ingested, may cause severe gastric distress and blockage.

FIRST AID: For Eyes: Flush thoroughly 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:** Do not induce vomiting. Give large quantities of water. Seek medical attention. Never give anything by mouth to an unconscious person.

Meets or exceeds 0.5 coefficient of friction as measured by James Machine Methodology ASTM Method D 2047-82.

KEEP FROM FREEZING
FOR PROFESSIONAL USE ONLY



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



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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: ENSEEL Acrylic Sealer and Undercoater
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMIS Hazard Code: Health: 1 Flammability: 0 Reactivity: 0 Other: 0
Chemical Family: Blended Polymer Emulsion
D.O.T. Shipping Name: N/A

Product #: 0504
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: Blended Floor Sealer
Formula: N.A. Blended Product
Hazard Class: N/A **D.O.T. ID#:** N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
Diethylene Glycol Monomethyl Ether	111-77-3	PROP.	Not Est.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 212
Vapor Pressure: = To Water
Vapor Density: = To Water
Solubility in Water: Disperses
Appearance: Opaque, White, Liquid
Odor: Characteristically Acrylic

Specific Gravity: 1.020
Evaporation Rate: = To Water

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. May be harmful if swallowed. If ingested may cause severe gastric distress and blockage.
Emergency & First Aid Procedures: **For Eyes:** Flush thoroughly 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:** Do not 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. Rinse remaining material to drains.
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.

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Date Prepared – 10/05/00 By: G.C.