

ERIC Y. HASHIMURA  
Owner/President

Cell: (808) 482-044

**ChemCo**  
I N C.

Complete Line of Products and Services for  
Janitorial • Stone Restoration • Dishmachines

3083 Aukake Street, Suite 102 • Lihue, HI 96766  
TEL: (808) 245-2250 • FAX: (808) 245-3981  
EMAIL: chemcoo@excite.com

**FL 133**

## FLO-CRETE II

### Indoor / Outdoor Sealer

**DESCRIPTION:** This non-resilient floor sealer is an aqueous acrylic resin emulsion designed for sealing non-resilient surfaces such as concrete, terrazzo, quarry tile, slate, and other hard surfaces. This floor sealer is water based acrylic resin with outstanding durability and chemical resistance to the contact of several industrial chemicals such as acids, oils, detergents, gasoline, and caustics. This floor seal is a non-breathing solid sheet type seal, designed to resist surface spills and staining. This product can be used in garages, service stations, warehouses, manufacturing plants, food processing plants, or other areas where protection is desired.

#### ADVANTAGES:

- Exterior & Interior use
- Slip resistant
- Quick Drying
- Re-coats easily
- Non-Yellowing
- Water-based
- Chemical and water resistant

**DIRECTIONS:** The surface to be coated must be thoroughly cleaned. Remove all grease, oil, or soil with a heavy duty degreaser cleaner. Second application of cleaner may be needed for heavy oily areas where the stains have penetrated deep.

**NOTE: ANY OIL LEFT IN PORES OF FLOOR WILL AFFECT ADHESION OF SEALER FILM TO SUBSTRATE.**

Rinse floor thoroughly with clean water. Squeeze or wet vacuum all excess water. Let floor dry a minimum of 2 hours or more if in damp weather. Many concrete floors are troweled exceptionally smooth or wear has smoothed set. When bubbling ceases, rinse floor with fresh water. Let floor dry the recommended time of a minimum of 2 hours or more. It is extremely important that the floor be completely dry. Apply this floor sealer with a string mop, lambs wool applicator, Hudson type sprayer, airless sprayer, or one of the new type floor finish applicators. Let sealer dry for 20 to 60 minutes, then apply a second coat. A third coat may be applied for a high gloss. It is recommended that a 24 hour or longer waiting period be allowed before heavy equipment usage.

**NOTE:** To test cleanliness of surface, place a strip of masking tape on the surface, press down then lift tape. If tape lifts easily and there is dust or grit on the adhesive side of tape, the surface is not sufficiently clean. Remove any kind of food products from area during application of sealer.

**CAUTION:** The following may present problems. Type of floors: Quarry tile, slate, brick, Mexican tile, masonry block, exposed aggregate, Brick, Mexican tile, and masonry blocks may need additional coats because of their porous construction. (We recommend that glazed tile not be sealed with this non-resilient floor sealer.) Type of Conditions:

Sub-surface moisture and alkalinity of surface (Note: Do not seal if surface is under 50% RH) Dryness of surface-applied and tested for 30 days before a decision is made to seal the area using a penetrating seal prior to coating with this non-resilient floor sealer.

**NOTE:** The information contained herein is, to the best of our knowledge and belief, accurate. We guarantee the quality of the product. Since the surface condition and product use are beyond our control, we make no guarantee of results. We assume no liability for damages or penalties resulting from following our suggestions or recommendations.

#### FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

#### SPECIFICATIONS

Slip resistance (Foot pressure).....	Excellent
Black mark resistance.....	Very good
Scuff resistance.....	Very good
Detergent resistance.....	Excellent
Powdering resistance.....	Excellent
Alkali resistance.....	Very good
Acid resistance.....	Excellent
Gasoline resistance.....	Very good
Alcohol resistance.....	Excellent
Hydro carbon solvent resistance.....	Very good
Re-coating.....	Excellent
Gloss (3 coats).....	Excellent
Coverage coat.....	1500 sq. ft./gal

11/03

TOTAL P. 04

# MATERIAL SAFETY DATA SHEET

## SECTION I. IDENTIFICATION OF PRODUCT

Name: FLO-CRETE II  
Identity: Indoor/Outdoor Sealer  
TOXICITY: 1  
MSDS Number: 133  
Date: 11/23/2004  
Supersedes: 10/11/2004  
REACTIVITY: 0  
PROTECTION: B

## SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name: 2-Butoxyethanol  
Acrylic Polymer  
CAS Number: 111-76-2  
Proprietary  
PEL: 25ppm skin  
TLV: 25ppm skin  
%: <3  
<40

## SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212° F  
Vapor Density (Air = 1): 1  
Specific Gravity: 1.021  
Evaporation (H2O = 1): 1  
Vapor Pressure (mm Hg): ND  
Water Solubility: Complete  
Melting Point: ND  
pH @ 77°F: 8.00  
VOCgm/L: 24

Appearance and Odor: Milky white liquid, acrylic odor

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC): None  
% LEL: ND  
% UEL: ND  
Flammable Limits: ND  
Extinguishing Media: Water fog, foam, carbon dioxide or dry chemical  
Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and protective clothing.  
Unusual Fire and None known

## SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? No EYES? Yes SKIN? No INGESTION? No  
(Acute) Health Hazards:  
Eyes: May cause irritation  
Skin: Not likely to cause ill-effects  
Ingestion: May cause gastric distress  
Inhalation: Not likely to cause ill effects  
(Chronic) Health Hazards: None Known  
Signs and Symptoms of Exposure:  
Eyes: Stinging sensation  
Skin: May cause skin discomfort on prolonged contact  
Ingestion: Stomach upset  
Inhalation: Not likely to be injurious  
Medical Conditions Generally Aggravated by Exposure: None reported  
Emergency, First Aid Procedures:  
Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.  
Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.  
Ingestion: Obtain immediate medical attention.  
Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

**SECTION VI. TOXICITY DATA**

Carcinogenicity: NTP? No

IARC

OSHA REGULATED? No

**SECTION VII. REACTIVITY DATA**

Stability: Stable

Incompatibility (Materials to Avoid): None known

Hazardous Polymerization Will Not Occur

Hazardous Decomposition Byproducts: Oxides of carbon and carbon monoxide

**SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Mop up and put in empty container and cover

Large Spills: Dike area and absorb into neutral material or pump up

Disposal: Meet Federal, State &amp; Local Requirements

Handling and Storage:

Other Precautions: Store in cool, dry well ventilated area. Keep container tightly closed when not in use. Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

**SECTION IX. CONTROL MEASURES**

Respiratory Protection: Not normally indicated when used as directed

Ventilation: Normal indoor

Local Exhaust: Not normally indicated

Mechanical (General): Not normally indicated

Protective Gloves: Rubber or vinyl, Latex

Eye Protection: If splashing is likely

Other Protective Clothing or Equipment: Long pants, sleeves, apron

Work/Hygenic Practices:

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

**SECTION X. DOT INFORMATION**

NOT REGULATED

**SECTION XI. MISCELLANEOUS INFORMATION**

SARA 313: No

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not Available

NE - Not Established

ND - Not Determined

Supersedes: 10/11/2004