

## PRODUCT DATA

3<sup>03 01 00</sup>Maintenance of  
Concrete

# LIQUID SURFACE ETCHANT

Liquid-applied chemical profiling material

## Description

Liquid Surface Etchant is a specially formulated emulsion that temporarily inhibits the surface hydration of freshly placed concrete. When washed off within 4 days of application, it leaves a high-profile textured surface without microcracking, laitance, or carbonated paste.

## Yield

Approximately 100 – 120 ft<sup>2</sup> /gallon  
(2.4 – 2.9 m<sup>2</sup>/L)

## Packaging

5 gallon (19 L) pails

55 gallon (208 L) drums

## Color

Blue

## Shelf Life

1 year when properly stored

## Storage

Store in unopened containers in a clean, dry area between 40 and 90° F (4 and 32° C). Keep from freezing.

## Features

- Can be applied with airless sprayer or roller
- Blue color
- Zero VOCs
- Proper viscosity

## Benefits

- Easy, fast application
- Helps determine proper coverage during application
- Ecologically safe
- Ease of application; reduced running on sloped, undulating surfaces

## Where to Use

### APPLICATION

- New concrete pours requiring a high-profile textured finish for bonding
- New concrete pours over which epoxy or cementitious grout will be placed
- Freshly placed sloped and horizontal surfaces
- Light profiling of freshly placed rapid-hardening concrete
- As a surface preparation method for Mastertop® Anvil-Top® 300 and Anvil-Top® 100

## How to Apply

### Application

1. Agitate Liquid Surface Etchant thoroughly in container before application.
2. Apply Liquid Surface Etchant evenly with a sprayer over freshly floated concrete. Once the entire surface is coated, cover it with weighted polyethylene, burlen, or other impervious sheet covering. Keep surface from drying out.

### Removal

Remove the sheet covering and Liquid Surface Etchant within 4 days of application. Use potable water and a garden-hose nozzle or a pressure washer with sufficient power to expose the aggregate. Rinse until water runs clear.

**LIQUID SURFACE ETCHANT****For Best Performance**

- Over time this material becomes more difficult to remove.
- A stiff-bristled broom or brush may be used to help remove material.
- Temperature during application and curing will affect the depth of the texture.
- Do not dilute product with water.
- Follow preparation and application instructions of topping material or grout for proper bonding to surfaces prepared with Liquid Surface Etchant.
- Keep from freezing.
- Make certain the most current versions of product data sheet and MSDS are being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

**Health and Safety**

## LIQUID SURFACE ETCHANT

**Caution**

Contains no hazardous chemicals as defined by 29 CFR 1910.1200 or WHMIS.

**Risks**

May cause skin, eye or respiratory irritation. Ingestion may cause irritation.

**Precautions**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

**First Aid**

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

For additional information on personal protective equipment, first aid, and emergency procedures, refer to the product Material Safety Data Sheet (MSDS) on the job site or contact the company at the address or phone numbers given below.

**Proposition 65**

This product contains material listed by the State of California as known to cause cancer, birth defects or other reproductive harm.

**VOC Content**

0 g/L or 0 lbs/gal less water and exempt solvents.

**For medical emergencies only, call ChemTrec (1-800-424-9300).**

**BASF Construction Chemicals, LLC – Building Systems**

889 Valley Park Drive  
Shakopee, MN, 55379

www.BuildingSystems.BASF.com

**Customer Service 800-433-9517**  
**Technical Service 800-243-6739**



LIMITED WARRANTY NOTICE: Every reasonable effort is made to apply BASF exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, BASF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the BASF Technical Manager.

This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF disclaims all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

**For professional use only. Not for sale to or use by the general public.**

Form No. 1020198 7/07

Printed on recycled paper including 10% post-consumer fiber.

© 2007 BASF

Printed in U.S.A.