

# Technical Data Sheet (TDS )

## Active Elements – Surface Etch

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

Active Elements - Surface Etch is a concentrated phosphoric acid-based etching solution with specialty additives that has been developed to safely prepare concrete surfaces before applying stains and sealers. Active Elements - Surface Etch gently removes topical laitance and creates a porous surface to increase the penetration of concrete stains and sealers. It produces minimal fumes, is biodegradable and safe for use near grass and plants.

### Use on:

- Garage floor prior to epoxy coating or sealer
- Any concrete prior to applying a pigmented stain, overlay, resurface, micro topping, stamped overlay
- Shiny power troweled concrete prior to Concrete Acid Stain application

### Dilution Ratios (with clean water):

- When prepping for Sealers, Pigmented Stains, Epoxy Coatings, Overlays or Resurfacers
  - (1) Part Active Elements - Surface Etch to (4) Parts Clean water
- When prepping a very smooth floor for Concrete Acid Stain
  - (1) Part Active Elements - Surface Etch to (10) Parts Clean water

### Coverage:

Apply at a rate of 100 square feet per gallon of solution.

### Application

1. Sweep or blow off the surface to remove loose debris.
2. Remove any paint or sealers with Active Elements - Paint Strip.
3. Treat grease and/or oil spots with Active Elements - Degrease.
4. Allow surface to dry.
5. Apply Active Elements - Surface Etch using a sprinkler can. The solution will fizz on contact with the concrete.

Be sure to completely and evenly saturate the concrete with the etching solution.

Always start at the lowest point and work your way up to ensure fresh acid is being applied to dry concrete.

Scrub the solution into the surface with a stiff bristle broom until the fizzing stops then rinse the surface with water. Do not allow the Active Elements - Surface Etch solution to dry on the concrete.

If additional surface porosity is needed repeat Step 5.

6. Neutralize the surface using Active Elements - Neutralize (8oz in 5 gallons water) and scrub with a stiff bristle broom to scrub in the neutralizing solution then rinse with water. Use a wet vacuum to collect residue and waste water. Dispose in accordance with local, state, and federal regulations
7. Thoroughly scrub the surface. Interior floors require the use of a floor machine (buffer) with a black pad, sanding screen or coatings removal pad. Exterior concrete preparation requires the use of a pressure washer.

### Safety:

Always use appropriate safety equipment including but not limited to, goggles, face shield, rubber gloves, chemical resistant clothing or apron, and chemical respirator. Consult product MSDS for additional safety information. Do not permit contact with eyes or skin. Do not breathe vapors, ventilate area during mixing or application. Close container immediately after each use. Store upright in a tightly closed container away from combustible material and sources of heat. Never transfer to an unmarked container. Do not reuse empty container, empty containers may contain hazardous product residues. Before use, review the Material Safety Data Sheet for further information, including health effects.

## **FIRST AID**

Skin - Wash thoroughly with soap and water. Discard affected clothing and footwear.

Eyes - Flush with water immediately. Hold eyelids apart while flushing material out thoroughly with large amounts of water.

Seek Medical Attention Immediately!

Ingestion - Give several glasses of water. Seek Medical Attention Immediately!

Inhalation - Move to fresh air.

## **Warranty**

This warranty is made in lieu of all other warranties, either expressed or implied. Before application the User shall determine the suitability of the product for his/her intended use and User assumes all risks and liabilities whatsoever in connection therewith. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The Manufacturer and/or Seller warrants that if any goods supplied prove defective in material the sole obligation shall be to replace said product. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither Manufacturer nor Seller shall assume any liability for injury, loss, or damage resulting from use of this product.

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.