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## Convert™ – Product Data Sheet

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### PPE Requirements:

**Convert** is a caustic material, therefore proper protective equipment should be worn.

- Wear safety glasses with side shields.
- Wear appropriate chemical resistant gloves. Neoprene gloves are recommended.
- Wear appropriate chemical resistant clothing (coveralls).
- Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

### Coverage

Approximately 100 square feet / 1 US gallon

### Step 1 – Area Prep

- Pressure wash the entire surface area to remove all loose debris/ dirt leaving the cleanest substrate possible
- Remove all existing old coatings by blasting or scarifying. Ensure concrete is fully exposed prior to treatment with **Convert**.

### Step 2 – **Convert**

“**Convert**” provides the concrete surface with a complete removal of insoluble salts and provides essential chemical surface prep and rebalancing of the concrete pH to ensure adhesion between in-service concrete patching compounds and coating systems.

- Apply **Convert** liberally over the clean surface of the concrete. The concrete must be completely soaked with **Convert**. Best way of applying is by sprayer (DO NOT ATOMIZE), but it can also be applied by pouring the product onto the surface from the pail and spreading with a squeegee.
- Allow **Convert** to dwell for a minimum of 6 hours (the surface will turn white as the insoluble salts are being drawn out of the concrete)

- Thoroughly wash off the concrete surface with a pressure washer until all the product and whiteness has been removed and the foaming that will occur has stopped. Treated concrete will look noticeable greyer especially once it dries

### Step 3 – Concrete Repair and Coating Application if needed

#### Notes:

- Apply in temperatures above 5 C
- Avoid applying any product in the rain as it will dilute and wash off
- If applying in high sun and heat, keep substrate wet with product to allow reaction to occur. If it dries too quickly, the product will evaporate off and the reaction will not occur
- Excessive effluent resulting from washing the concrete surface after treating with **Convert** can be directed into the sump. The pH of the water will be mildly alkaline and the sump will contain residual alkalinity and insoluble salts extracted in the process

#### Testing:

- Test the concrete's pH before and after the **Convert** process. Soak with distilled or de-ionized water and use litmus paper (pH strips). Once the **Convert** process is completed, this will provide the concrete substrate with a pH reading above 7.
- To test the substrate to see if it is dry enough for the coating to be applied, use test methods such as the "Plastic Sheet Method" (ASTM D4263-83) Tape a small square of polyethylene (eg. 12" x 12") to the concrete substrate and watch for moisture buildup on the plastic. This can occur over the period of about 16 hours.