



# Prevention Technologies, Inc.

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## **Sump Penetration Boot Repair With PTi Paste** (See drawing for cross sectional detail.)

***Important Note: all surfaces to be repaired MUST be clean and FREE of WATER.***

### 1) Boot preparation

- a) Follow appropriate safety precautions, including wearing gloves:
  - i) Thoroughly clean surfaces to be repaired by wiping with **acetone**:
    - (1) Be certain any residual water in the repair area is completely removed.
    - (2) Remove **ALL grease and oils** from the area to be repaired. This includes the boot and any part of the sump or pipe that will be overlapped from the boot.
  - ii) Abrade the sump walls with emory cloth or **Scotch Brite®** pad until the surface has a dull, matte finish for at least 2" beyond the entry boot and clean again with acetone.
  - iii) Allow time for acetone to completely evaporate.
- b) Make sure all clamps are in place and are **tight**.

### 2) PTi Paste preparation

- a) Remove the catalyst, Part B, and the plastic separation sheet from the bucket by placing one hand on the plastic sheet, squeezing it to the edge of the bucket and pulling on the plastic sheet. Set aside for discarding later.
- b) Scrape all of the Part B from the jar into Part A in the bucket, then put a small amount of Part A into the Part B container and stir until the inside of the container is completely coated and gray in color (this will render container environmentally safe for disposal).
- c) Mix Part A and Part B using a spiral paint mixer and a heavy duty drill motor or equivalent until paste is thoroughly blended. **THE PRODUCT IS THOROUGHLY MIXED WHEN IT IS UNIFORM IN COLOR WITH NO BLACK, GRAY OR WHITE STREAKS VISIBLE.**

### 3) PTi Paste Application

- a) Wearing nitrile rubber gloves or equivalent and sleeve protectors, apply paste by hand to boot area and completely encapsulate boot to a thickness of no less than ½ inch. Make sure to spread paste at least 2" beyond the boot ends onto the pipe and the sump walls that were cleaned as part of the preparation.
- b) Tools can be cleaned with an appropriate solvent or acetone. Hands and skin can be cleaned with Fast Orange or any equivalent hand cleaner.
- c) Product sets up in about 1- 2 hours with at full cure in about 7 days at 70° F. Testing can be done 6 hours after the product is tack free to touch. If hydrostatic testing, the product continues to cure even when under water. The system can be placed into service immediately after testing has been completed.

***Note: At cooler temperatures down to 50° F the cure will take longer. Do not apply to surfaces below 50° F unless an outside heat source will be used to aid curing.***

### 4) Disposal

- a) Place the plastic separation sheet and empty Part B Jar into the bucket and snap on the cover. This allows the unused portion of the thoroughly mixed PTi Paste to be safely discarded.

# PTi Paste Applied to Sump Bulkhead Fitting and Boot

## Boot preparation

- a) Follow appropriate safety precautions, including wearing gloves:
  - i) Thoroughly clean surfaces to be repaired by hand wiping with acetone.
    - (1) Be certain any residual water from the area is completely removed.
    - (2) Remove ALL grease and oil from the area to be treated.  
This includes the boot and any part of the sump or pipe that will be overlapped from the boot.
  - ii) Abrade the sump walls with emory cloth or Scotch Brite® pad and clean with acetone.
  - iii) Allow time for acetone to completely evaporate.
- b) Make sure all clamps are in place and are **tight**.

