

**TINGLEY**  
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## HazProof®

Article No.: 51159SG341

**HazProof® Certified To NFPA 1991, 2005 Edition For Chemical And Hazmat Cleanup, Emergency Response, And Domestic Preparedness**

Made of special polymer material, this comfortable boot meets the protective footwear chemical permeation requirements of NFPA 1991 Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies 2005 Edition. With the growing reality that chemical warfare agents are now a threat to the civilian population, domestic preparedness programs are developing rapidly. The HazProof boot has also been tested to Military Standard 282 and will provide protection against certain chemical warfare blister and nerve agents!



- Injection molded seamless construction for 100% liquid proof protection.
- Larger foot area is engineered to accommodate the extra bulk of an encapsulated suit, for comfortable fit.
- Smooth exterior surface for easy decontamination.
- Stretch fastener closure system allows for easy on and off while wearing gloves.
- Meets ANSI spec. Z41 PT99 M I/75 C/75 EH, for steel toe impact and compression, and Electrical Hazard Protection.
- Steel mid-sole meets and exceeds ANSI Z41 PT 99 PR.
- Steel shank provides firm arch support.
- Blown closed cell EVA mid-sole for all day cushion comfort.
- Sure grip cleated outsole has excellent abrasion and slip resistance.
- Bright orange color for high visibility.

**Ideal Applications:** Chemical and Hazmat Cleanup.  
**Chemical Resistance:** Hazardous Waste.

### Test Method Results

- Our HazProof Boot has surpassed the following Test Methods:
- Permeation Resistance – ASTM F 739 and ASTM F 1001 – 21 Chemicals
- Permeation Resistance – MIL-STD-282
- Flame Resistant – ASTM F 1358
- Puncture Propagation Upper – ASTM F 1342
- Exceeds Protection Minimum Upper (Height)
- Electrical Hazard – ANSI Z41 PT99 EH \*\*†
- Puncture Resistance Sole & Heel – ANSI Z41 PT99 PR†
- Abrasion Resistance Sole and Heel – ASTM D 1630
- Toe Impact Resistance – ANSI Z41 PT99 M I/75†
- Toe Compression Resistance – ANSI Z41 PT99 M C/75†
- Slip Resistance – ASTM F 489
- Cut Resistance Upper – ASTM F 1790
- Ladder Shank Bending Resistance –NFPA 1991, 2005



**Sure Grip Outsole:**  
Excellent abrasion and slip resistance.



**Replacement Stretch Fastener Closure**

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