



U. S. Department of Labor  
Occupational Safety and Health Administration  
Directorate of Science, Technology & Medicine  
Office of Science and Technology Assessment

## Potential Hazards of Mislabeled Steel Toe Logger Boots

### PURPOSE:

The purpose of this Safety and Health Information Bulletin is:

1. To alert employers and employees of the potential electrical hazards of Georgia Boot's mislabeled steel toe logger boots;
2. To provide Georgia Boot customers with the manufacturer's recall instructions for the subject boots; and
3. To remind users of OSHA's requirements for electrical protective equipment as covered by 29 CFR 1910.137.

### BACKGROUND:

Georgia Boot, a manufacturer of steel toe safety boots, has discovered that three models of its logger boots may have been mislabeled "EH," thus incorrectly indicating that they are resistant to electrical current. This may result in an increased risk of electric shock or electrocution to employees who use these boots for supplemental protection against electrical current, since these boots are not designed to provide insulation or protection against electrical current.

### OTHER INFORMATION:

Georgia Boot, of Franklin, Tennessee, in cooperation with the U.S. Consumer Product Safety Commission (CPSC), has voluntarily recalled approximately 10,000 pairs of steel toe logger boots. See CPSC Press Release # 04-177, <http://www.cpsc.gov/cpsc/pub/prerel/prhtml04/04177.html> issued on July 14, 2004.

POTENTIAL HAZARDS OF  
MISLABELED STEEL TOE LOGGER  
BOOTS

Since these boots are industrial steel toe safety boots, it is important to make employers and employees aware of this potentially hazardous condition when these boots are used for supplemental protection against electrical hazards.

The recalled steel toe logger boots are brown and black and have laces that tie up to the calf. The stock numbers for these boots are G8320, G8322, and G9360. The stock numbers can be found on a label under the tongue of the boot. The same label has stitching of the "Georgia Boot" name.

These boots were sold in retail shoe stores and independent retail stores from October 2002 through April 2004. Georgia Boot has not received any reports of incidents. The CPSC/Georgia Boot recall is conducted to prevent the possibility of injuries.



## TECHNICAL INFORMATION:

Electrical hazard footwear is constructed to provide insulation of the wearer's feet from a grounded surface. This can provide a small degree of protection from electric shock for the wearer. This protection is limited to voltage of 600 volts or less under dry conditions and is intended to be a secondary form of electrical insulation.<sup>1</sup> Using electrical hazard footwear as a primary form of electrical protection could expose employees to electric shock hazards if they believe that the primary form of electrical protection (for example, rubber insulating gloves or blankets) is no longer necessary. The electrical hazard footwear only insulates an employee's feet from grounded surfaces. The employee can still be grounded through other parts of his or her body. In addition, the insulation

<http://www.georgiaboot.com/content/index.cfm?method=productnotice050406>

provided by electrical hazard footwear is good only under dry conditions, providing little protection in a wet or damp environment, and only for ratings of 600 volts or less. Employees exposed to electrical hazards need to use suitable electrical protective equipment as covered by OSHA standards including 29 CFR 1910.137; 29 CFR 1910.269(I); and 29 CFR 1926.950(c).

## CONCLUSION:

OSHA reminds employers that employees exposed to electrical hazards must use suitable electrical protective equipment as required by OSHA standards and recommends that employers follow the recall instructions for these mislabeled steel toe logger boots listed on the manufacturer's website.



G8320



G8322



G9360

<sup>1</sup> Primary insulation normally insulates an employee directly from an energized part. Rubber insulating gloves and rubber insulation blankets are examples of primary electrical protection. Secondary insulation normally insulates an employee's feet from a grounded surface. Electrical hazard footwear and rubber insulating matting are examples of secondary electrical protection.