

# TOOLBOX TALKS

## HAND & ARM SAFETY

Toolbox Talks are designed to promote safety discussions and best practices on the jobsite. To see more Toolbox Talks, please visit [cat.com/toolboxtalks](http://cat.com/toolboxtalks).

### POTENTIAL HAZARDS

- Skin absorption of harmful substances
- Chemical, thermal or electrical danger
- Bruises, abrasions, cuts, punctures, fractures or amputations

### SELECTING PROTECTION

- Select protection based on the hazard and operation involved
- Inspect gloves before each use to ensure that they are not torn, punctured or made ineffective in any way
- Fill gloves with water and roll the cuffs tightly to help reveal any pinhole leaks
- Do not use gloves that are discolored or stiff. This may indicate deficiencies caused by excessive use or degradation from chemical exposure

### TYPES OF GLOVES

- **LEATHER** - Protect against sparks, moderate heat, blows, chips and rough objects
- **ALUMINIZED** - Provide reflective protection against heat
- **ARAMID-FIBER AND SYNTHETIC** - Protect against heat and cold
- **FABRIC** - Protect against dirt, slivers, chafing and abrasion
- **COATED-FABRIC** - For handling wire and chemical lab containers
- **BUTYL** - Made of synthetic rubber and protect against a variety of chemicals; resist oxidation, ozone corrosion and abrasion
- **LATEX** - Resist abrasions caused by grinding and polishing, and protect from water solutions
- **NEOPRENE** - Made from synthetic rubber and protect against hydraulic fuels, gasoline, alcohols, organic acids and alkalis
- **NITRILE** - Provide protection from certain solvents and are intended for jobs requiring dexterity and sensitivity; offer protection against oils, greases, acids, caustics and alcohols

Discussion Date: \_\_\_\_\_

Employee Participants:

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There are a lot of moving parts on the jobsite. To find a safety topic relevant to your operation, please visit [cat.com/toolboxtalks](http://cat.com/toolboxtalks).