



## APPLICATION SHEET

### WHEN TO APPLY

Apply Ice Free Switch® prior to snowfall to prevent switch failure due to metal components freezing, snow packing preventing switch point contact, and to prevent freezing of throw rods. Ice Free Switch® can also be applied to lubricate metal components. It is recommended to begin applications of Ice Free Switch® when temperatures are at freezing or below. If applications are performed when temperatures are above freezing, Ice Free Switch® will not have the viscosity to stay on vertical surfaces. Ice Free Switch®'s metal gripping feature is temperature activated, meaning the colder the ambient temperature becomes, the more viscous Ice Free Switch® becomes (thickens). If the viscosity of Ice Free Switch® is not thick, the product will flow from vertical surfaces. Note: Ice Free Switch® is soluble. During periods of above average temperatures and rainfall, it is not recommended to apply Ice Free Switch® as this will dilute the product and prohibit its performance on metal surfaces.

### SWITCH PREPARATION

Clean the switch components by sweeping debris and loose material (or snow) away from the switch components. If graphite lubricant can be used on the switch components, clean to the bare metal. Ice Free Switch® will not adhere to graphite covered metal components.

### BENEFITS

Apply Ice Free Switch® with the Switch Treator® (back pack spray unit) or track broom to the switch components. When the Switch Treator® is used, an estimated 1 gallon of Ice Free Switch® per track switch is required. One gallon will allow for a liberal application of Ice Free Switch® to all switch components. When a broom is used to apply Ice Free Switch, dip the bristles of the broom into a bucket of Ice Free Switch® and brush the slide plates, (slide chairs), throw rods, switch stand, and side rails. This will require one gallon for a typical switch and more for longer turnouts. Plastic slides need only be treated with Ice Free Switch® when snowfall is imminent.

### REAPPLICATION

When Ice Free Switch® has been applied to metal components, the metal components will have a shiny appearance. It is advised to pass your thumb or index finger across the surface to test for residue of Ice Free Switch®. If it is determined there is a residue, reapplication will not be necessary. Reapply Ice Free Switch® after any moderate to heavy snowfall or when the shine has disappeared. Reapplication will be needed after any period of above average temperatures and/or rain or snow.

### STORAGE

Ice Free Switch® should be stored in a location that will allow the product to be the same ambient temperature as the switch components.

