



Eye Safety



Causes of eye injuries at work

- 👁️ Flying objects (bits of metal, glass, plastic)
- 👁️ Air-blown and wind-blown particles (dust, wood, sand)
- 👁️ Tools (screwdrivers, wrenches)
- 👁️ Chemicals (gasoline, oil, solvents, acids)
- 👁️ Harmful radiation (welding arcs, UV)
- 👁️ Lawn, garden and hand tools (mowers, etc.)

👁️ According to Prevent Blindness America (PBA), an estimated 2.4 million eye injuries occur in the United States each year.

👁️ Nearly 1 million Americans have lost some degree of eyesight from an eye injury.

👁️ More than 2,000 people injure their eyes at **work** each day – Source, NIOSH

WARNING

Workers experience eye injuries on the job for two major reason

- 👁️ They were not wearing eye protection.
- 👁️ They were wearing the wrong kind of protection for the job

Create a safe work environment

- 👁️ Minimize hazards from falling or unstable objects.
- 👁️ Make sure that tools work and that safety features are in place.
- 👁️ Make sure you know how to use tools properly.
- 👁️ Keep bystanders out of hazardous areas.

Things you can do to help prevent an eye injury

- 👁️ Know the eye safety dangers at work
- 👁️ Eliminate hazards before starting work. Use machine guarding, work screens, or other engineering controls)
- 👁️ Use proper eye protection.
- 👁️ Avoid distractions when doing anything that could potentially harm your eyes.
- 👁️ Resist the temptation to "multi-task" when working with tools or other objects near your eyes.

What Type of Safety Eye Protection Should You Wear?

The type of safety eye protection you should wear depends on the hazards in your workplace. If you are working in an area that has particles, flying objects, or dust, you must at least wear safety glasses with side protection (side shields). If you are working with chemicals, you should wear chemical goggles. If you are welding or performing some other type of specialty work you must use special-purpose safety glasses, goggles, face shields, or helmets designed for that task.



Which is best for you?



safety glasses



safety goggles







face shield






welding helmet

What Type of safety Eyewear is Available?




-  Non-prescription and prescription safety glasses
-  Goggles
-  Face shields
-  Welding helmets

What to do if you have an eye injury




Specks in the eye

-  Don't rub the affected eye.
-  Flush the eye with lots of water.
-  See a doctor if the speck doesn't wash out, or if pain or redness continues.

Cuts, Punctures, and Foreign Objects in the eye

-  Unlike with specks of dust or metal, be sure not to wash out the affected eye.
-  Don't try to remove a foreign object stuck in the eye.
-  Seek immediate medical attention.

Chemical Burns

-  Immediately flush the eye with water or drinkable liquid. Open the eye as wide as possible. Continue flushing for at least 15 minutes, even on your way to seeking medical care.
-  If a contact lens is in the eye, begin flushing over the lens immediately. Flushing may dislodge the lens.
-  Seek immediate medical attention.

For Questions contact the Safety Office at 858.627.7174 or safetyoffice@sandi.net