

Preventing Explosions: Tips for Worksite Safety

To prevent an explosion, know how to use and store materials safely and eliminate hazards.

Explosions may be caused by...

- ▲ exposure of gases to heat.
- ▲ chemical reaction.
- ▲ exposure of certain chemicals to heat, water or air.



To safely store and use chemicals...

- ▲ Read material safety data sheets for the substances you work with.
- ▲ Wear appropriate protective equipment.
- ▲ When transferring flammable materials, make sure containers are labeled and grounded.
- ▲ Check caps, screens, valves and seals for leaks and replace or dispose of them.
- ▲ Do not expose explosive chemicals to air, water or heat.

To make your workplace safer...

- ▲ Clean up spills quickly and follow disposal guidelines.
- ▲ Keep your area free of dust and debris.
- ▲ Obey "no smoking" signs.
- ▲ Check your equipment for corrosion, carbon buildup and leaks.
- ▲ Report any signs of wear and tear.