

At least 19 people remained missing after a powerful explosion ripped through a central Tennessee ammunition plant early Friday, rattling residents for miles and leaving a half square-mile of...

By replacing flammable liquid or gel electrolytes with solid materials such as ceramics, polymers, or sulfides, solid-state batteries offer enhanced safety, superior thermal stability, and ...

This paper reviews solid-state battery technology's current advancements and status, emphasizing key materials, battery architectures, and performance characteristics.

This article delves into the science behind solid-state battery explosion risks, explores their advantages and limitations, and provides actionable strategies for mitigating these risks.

Solid-state batteries address the safety concerns of traditional lithium-ion batteries by replacing the flammable liquid electrolyte with a solid counterpart, virtually eliminating the risk...

Local News Evacuation order lifted after explosion at Canby metal treatment plant Fire officials said a tank exploded at Kittyhawk Products, a high-pressure manufacturing facility in Canby.

An explosion Monday at a US Steel coking plant near Pittsburgh has left people trapped under the rubble, with emergency workers on site trying to rescue them, an official said.

A South Korean research team has developed a technology that more than halves the process and cost of producing all-solid-state batteries, which have a low risk of fire or explosion, ...

A team of inter-institutional battery sleuths has identified the cause of deterioration in a promising kind of water-based energy storage.

An explosion at a Pennsylvania metal fabricating plant injured four people during chemical transfer on Thursday night in Washington County.

All 16 people inside the building that exploded at Accurate Energetic Systems are dead, Humphreys County Sheriff Chris Davis said at an Oct. 11 press conference. Residents from miles ...

Emergency crews are dealing with a gas pipeline explosion in Cameron Parish, Louisiana, which triggered a shelter-in-place at a school several miles away.

This advanced battery technology replaces the liquid electrolyte found in traditional lithium-ion batteries with a solid electrolyte, eliminating risks of leakage, overheating, and fire hazards.

On October 10, 2025, an explosion occurred at an Accurate Energetic Systems manufacturing plant in Humphreys County, Tennessee, United States, causing sixteen fatalities and at least four injuries.

In response to mounting concerns over the safety of batteries, LG, Samsung and SK are ramping up efforts to develop all-solid-state and various other types of next-generation fire and...

An explosion this morning at Accurate Energetic Systems military munitions plant has left over a dozen people missing, with multiple fatalities reported.

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