

Here are the safety considerations taught in the Chemical Agent Instructor Classes about the BurnSafe™. The same instructions are packaged with every device shipped. As far as the manufacturer knows there has never been a fire started by any of CMC's devices when properly deployed. I added emphasis to the section I think applies to the question asked.

In all classes a demonstration of the device burning on a gas soaked carpet is done to show that it is unlikely to start a fire. In some classes, but not all, a demonstration is made of how a fire can be started in an enclosed area when combustible fumes are present. When a combustible atmosphere exists the small explosion of when the striker hitting the primer will trigger flames. If you take let the device initiate first and then throw it, it is highly unlikely to start a fire. However, CMC highly recommends using a different tactic in an explosive atmosphere.

Here are some links to see a BurnSafe™ being used:

<https://www.youtube.com/watch?v=awqfKbuLNsl&feature=youtu.be>

<https://www.youtube.com/watch?v=n6RWyUACKCY&feature=youtu.be>

<https://www.youtube.com/watch?v=H8uvw8oR7FA&feature=youtu.be>

Safety Considerations When Using Custom Metal Products

1. Only personnel who have been trained in a state approved non-lethal chemical agent's course, a manufacturer's non-lethal chemical agent's course and in the proper use of the BurnSafe™, HandSafe™ and GasRam™ should be involved in loading, unloading, deployment and maintenance of the BurnSafe™, HandSafe™ or GasRam™.
2. Once the BurnSafe™ or the GasRam™ has been used, the tools are contaminated with chemical agent residue. Only trained personnel wearing an approved gas mask and protective gloves should handle the expended device(s) and tools.
3. Never store the BurnSafe™, HandSafe™ or GasRam™ with a live chemical agent device inside.
4. Due to the cross contamination potential of the BurnSafe™, HandSafe™ or GasRam™ after use, the person transporting the contaminated tool and used device(s) should use a sealed container to transport. Only trained personnel should transport the tool and device(s) to a safe and secure area for decontamination and/or disposal.



5. Under no circumstances should the BurnSafe™, HandSafe™ or GasRam™ be used in situations where a suspected flammable or combustible atmosphere exists.

Questions regarding the combustibility of various flammable atmospheres should be directed to local fire department personnel before deploying with any of our tools.

6. The best method for deploying the BurnSafe™, HandSafe™ and GasRam™ is to conduct an accurate target analysis of the structure for effective and safe deployment. If you cannot determine where the BurnSafe™ and HandSafe™

will land or what the GasRam™ probe will strike, then you must consider the consequences for potential injury or fire.

7. Never load any type of smoke grenade into the BurnSafe™, HandSafe™ or GasRam™. Smoke grenades generally emit a far larger amount of smoke at a higher heat than pyrotechnic non-lethal chemical agents. Because of this smoke grenades may exceed the safety limits of the tool.
8. Use only recommended pyrotechnic non-lethal chemical devices. If in doubt contact the manufacturer before using. The payload or charge in pyrotechnic chemical agent devices varies from year to year. Verify the charge from the Material Safety Data Sheet (MSDS) sent with the devices.
9. Do not deploy excessive amounts of non-lethal chemical agents into confined spaces. Pyrotechnic devices can create high levels of toxic smoke if not used properly.