Incident Type

<table>
<thead>
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<th>LTI</th>
<th>MTI</th>
<th>Property Damage</th>
<th>Environmental</th>
<th>First Aid</th>
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**What Happened**

An employee suffered slight burns to her arm and hair due to a flash fire that occurred while she cleaned a malfunctioning paper shredder with a canned-air product. The canned “air” created a zone of highly concentrated, flammable gas that ignited when the shredder sparked. The top of the shredder blew off and the explosion was heard down the hall through two closed doors.

**When & Where**

XXXXX – Main office

**Who Was Affected**

XXXXXXXX

**Root Causes**

- The employee used a canned air product that contained a flammable gas.
- The can had warnings not to use it near potential ignition sources, including paper shredders.

**Corrective Actions**

- Start using non-flammable compressed gas dusters.
- Examine product labels to identify any unsafe uses.

**Picture:**

![Canned Air Products](image)

- This product was being used in the incident.
- It contains a flammable gas, Difluoroethane.
- This product is an alternative that contains a non-flammable gas.
- It has a sub-label “Special Application”

The safer compressed gas duster costs 50% more, which explains why it was not purchased originally. Both products are available from XXXXXX.

**Lessons Learned**

- When ordering canned air products, make sure the one you have doesn’t have a flammable gas inside.
- See if the products are used in enclosed spaces or poorly-ventilated areas. If they are, move use to an open and well-ventilated area.
- Frostbite can also occur if the aerosol can is tilted while being used.
- Read product labels and MSDS closely.

**Site Consultation and Sign-Off**

<table>
<thead>
<tr>
<th>Date of Toolbox Talk To Communicate This Hazard:</th>
<th>This Hazard Impacts this Site:</th>
<th>This Hazard Does Not Impact this Site:</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Signed:– Site Mgr / HSE Rep:</td>
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For further information please contact:

REMOVE FROM NOTICEBOARDS 4 WEEKS AFTER SAFETY ALERT DATE