



Safety Alert

Spray Can Explosion

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The following pages of this safety alert were issued by Highways England's supply chain partner:

Taylor Woodrow Vinci JV

Spray Can Explosion

Introduction

During a night-time surfacing activity, a surfacing company were laying some base course on a new gyratory. Whilst laying and then raking the tarmac to tie into the new road, an explosion occurred close to an operative, who fell onto the hot tarmac.

The operative was removed from the hot tarmac and given first aid treatment before an ambulance arrived to take him to hospital. He suffered minor burns to face and neck from the tarmac.

The incident was caused by the hot tarmac either coming into contact with, or being close to, a discarded can of road marking spray-paint, causing it to explode.

No one else was injured.



Split spray can found in the area.

Immediate Actions

- ❖ Used spray cans must be returned to the stores and not left on site.
- ❖ Projects to have a sign out/in procedure for spray cans to ensure that their supply and use is closely controlled.
- ❖ Areas should be checked prior to undertaking surfacing works ensure that there are no discarded spray cans that could come into contact with hot tarmac.
- ❖ Any spray cans kept within/on machines must be stowed correctly and securely.