



Investigation and Corrective Action

Standard Investigation Report

Incident ID: 122608 (Supervisor Report)

Incident Information

| Incident Details | | |
|--|------------------------------------|--|
| Incident Title: Megaposit SPR 3012 Positive Photoresist Spill | | |
| Date: Oct 15, 2018 | Time: 3:40 PM | Building: OK - EME - Engineering /Management/Education |
| Description of Incident Location: EME 0207A | | |
| Accident Type: Spills or Gas Leaks | Injury Type: No Injuries | |
| Describe fully what happened before, during, and after the incident (please do not include names or personal information): A student was retrieving chemical bottle from fridge in EME0207A and dropped a 0.5L bottle of positive photoresist on the floor. The student called lab tech for spill clean up. Lab tech consulted the MSDS for the chemical and contained the area of spill with flammable solvents absorbent Spill X-S material (working from the outside in). The absorbent was mixed in with the chemical with a plastic scoop and stored in a container in the fume hood. Lab tech contacted UBCO SOE safety lead to dispose of Spill-X material and perform the final cleanup. They mopped up the floor with water and closed the room overnight to allow ventilation. The next day, the Spill-X material was disposed with HWIS and stain on the floor was removed with acetone and paper towels. Chemical was placed back in the fridge in a location nearer to the back. Students were advised to be careful when retrieving chemicals from the fridge to prevent future accidents. | | |

Accident Investigation

| Task Related Causes |
|--|
| <input checked="" type="checkbox"/> No "Task" Causes |

| Environment Related Causes |
|---|
| <input checked="" type="checkbox"/> No "Environment" causes |

| Equipment Related Causes |
|---|
| <input checked="" type="checkbox"/> No "Equipment" causes |



Organizational Related Root Causes

No "Organizational" related causes

Human Related Root Causes

No "Human" related causes

Root cause

Incorporating the above factors, determine and describe the root cause of the incident or accident:

limited access, bottle of photoresist in the way of removal of other bottle resulting in the bottle being bumped while removing another item.

Corrective Actions

Corrective Action to prevent recurrence of similar incidents (1)

Corrective Action Identified:

Chemical bottle placed near the back of the fridge with other bottles of similar size. Students reminded to be careful when retrieving chemicals from the fridge.

Assigned to (name):

Nishat Tasnim

Job title:

Lab Technician

Final Actions Taken:

Stain on the floor was cleaned up the next day after the room was left closed overnight to ventilate the spill area. All students were informed of the spill, cautioned about future accidents, and asked to be careful in the future to prevent accidental spills.

Date to be Completed:

2018-10-15

Date Completed:

2018-10-16

JOHSC/LST Additional Action to prevent recurrence of similar incidents (1)

Follow-up Item:

putting signs up on room to remove access not effective. when came back to clean dried material, a cart was rolled over the spill. Ensure access is removed when area closed.

Assigned to (name):

Nishat Tasnim

JOHSC or LST Membership (JOHS Committee or Local Safety Team you are following from):

Final Actions Taken:

Date to be Completed:

Date Completed: