

<b>SAFETY ALERT NOTIFICATION</b>		Safety Alert #	SA – 2017 - 7
<b>Solvents Affecting Hard Hat Integrity</b>		IMS #	N/A
		OPERATION:	Bagdad
		INCIDENT DATE:	5/24/2017
		TIME:	3:00pm
		TYPE:	Choose an item.
			Hazard Recognition
Issued By: <b>Justin Taylor</b>		Contact For Additional Details: <b>Justin Taylor</b>	

**This is NOT an investigation report. It is a NOTIFICATION of a Significant Incident that has taken place at a Freeport-McMoRan location. The information below is a preliminary assessment and not a formal investigation.**

**INCIDENT DESCRIPTION**

A mine operations individual was working in the pit area and insects are prevalent this time of year. In this case the individual sprayed OFF! bug spray on their hard hat as a repellent. It was noticed later on in the shift that their hard hat was starting to discolor and deform.

To verify this was the issue, the supervisor tested the spray on an unused hard hat and a similar condition was later observed. After additional investigation it was identified that the safety data sheet (SDS), OFF! Bug spray contains common solvents such as ethyl alcohol (ethanol). It was also identified that on the inside of the hard hat there is a warning label to not clean or paint the hard hat with solvents.

<b>FATAL RISKS</b>	<b>HEALTH AND SAFETY POLICIES</b>
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Choose an item.	Choose an item.
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**OTHER SIGNIFICANT RISK (specific to site or task not categorized as global)**

- **Personal Protective Equipment Failure**

**PROBABLE DIRECT CAUSES**

- **Solvents causing degradation of hard hat.**

**IMMEDIATE CORRECTIVE ACTION(S)**

- **The hard hat was immediately disposed of and a new one provided.**

**REQUIRED ACTIONS(S)**

- **Follow the manufacturer warning labels to avoid damage to hard hats.**
- **During operations that require the use of solvents, consider the effect that overspray, splashing and direct application may have on the integrity of PPE.**



**View of deterioration of hard hat**



**Warning label located inside of the hard hat**

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