

# Hot-Mixed Asphalt Paving Field Training

## Flammable Materials

RC Cutback Asphalt such as RC-250 is flammable. It has a very low flash point (below 55 deg.) Never smoke around a distributor truck that is hauling or spraying oil. **NO SMOKING** If a fire starts at the spray bar it can quickly spread to the tank and result in an explosion.

AC modified asphalt materials like AC-20P, AC-10 and others are flammable. They have a flash point around 350 deg. or less. Again, **NO SMOKING** is required.

These oils are very dangerous because you are working with a flammable material while using heating elements both on the paver and the distributor truck.

Distributor operators must understand how to park a distributor truck so that the fumes are not blown into the burner elements. This can lead to an explosion.

Workers on the ground crews should never smoke near heated oil or other liquid asphalt products.

## HOT OIL – HOT Paving Mix

Oils used with the distributor truck are heated to a level that is dangerous to work around. You should always watch to make sure the wind is blowing oil spray away from you. If this hot material gets on your unprotected skin, you can be burned and suffer blistering. Best practice is to wear long sleeve shirts.

Paving mix is applied hot. Again, this material is very hot when it is dumped from the truck, and it is kept hot as it is placed by the paving machine. Its hot enough to melt your shoes if you walk in it. This material will burn your skin if you are not protected with long sleeves.

If you're working with hot oils, use the heavy black rubber gloves.

**ALWAYS FOLLOW THE SDS SHEET RECOMMENDATIONS FOR EACH MATERIAL YOU WORK WITH.**

Your SDS sheets can be found at <http://www.hacsafety.com>

## Traffic

Public traffic driving near your work area is probably the greatest hazard you face. You can not trust people to watch out for you. They are too busy texting, eating, fixing makeup and other stuff to watch out for you. Always be aware of how close to traffic you are walking, try to keep an eye on traffic as much as possible. Never trust the driver.

## Tools with long handles

We work with asphalt rakes every day and they have long metal handles. Never stick it out into traffic. Try to work on the side without traffic if its possible and when not, keep an eye out for cars. Have one of the other men keep a lookout.

Watch for electric lines. Some electric lines in neighborhoods are low and you can reach them with your rake handle. Touching an electric line could be fatal.

Shovels are dangerous when working near traffic also. Watch those handles.

## HEAT ILLNESS

It doesn't get much hotter than working on a paving crew. Not only is the summer heat beating down on you at 100 degrees but you're working with 300-degree material.

**Drink lots of water. Drink it often.**

Protect your skin from cancer. Wear long sleeves, face shields, neck covers and don't forget the sunscreen. We can't help you with the long sleeves but get with safety for the others. We have some items in stock for the summer.

Watch your fellow worker. Look out for others getting too hot. It's not always just the new guys.

## Required PPE

As always, hardhats, safety glasses, type 2 safety vests and steel toe boots or shoes are required.

Check the SDS sheet for additional PPE requirements such as rubber gloves.