



ARCO SAFE TOOL BOX TALKS

Fire Protection and Prevention: Flammable Liquids



All Fires:	Deaths	Injuries	\$\$\$\$\$\$
1,375,000	2,855	16,500	\$12,427,000,000

Flammable Liquids

- Flammable means capable of being easily ignited, burning intensely, or having a rapid rate of flame spread
- A Flammable liquid is any liquid having a flash point below 140°F
- A Combustible liquid is any liquid having a flashpoint at or above 140°F

Common Flammables

- Solvents, lacquer thinner, paint thinners etc.
 - Flammable liquids, in vapor form, can ignite below 100°F

Common Combustibles

- Gasoline, Diesel Fuel, Kerosene, linseed oil, etc.
 - Combustible liquids must exceed 100°F to release enough vapor to ignite

Material Storage

- All solvent waste, oily rags, and flammable liquids must be kept in a fire resistant covered container until removed from the worksite
- DOT approved METAL Safety Cans shall be used on all ARCO sites, and are:
 - Five gallons or less
 - Red (Gasoline) Yellow (Diesel Fuel) or Blue (Kerosene)
 - Equipped with a spring closing lid
 - Equipped with a spout cover
 - Equipped with a vapor flash-arresting screen
 - Fitted to relieve internal pressure when heated
- For quantities of one gallon or less, the original container may be used for storage, use, and handling of flammable liquids