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SAFE OPERATING PROCEDURES

Flammable Liquids

SOP 10-25

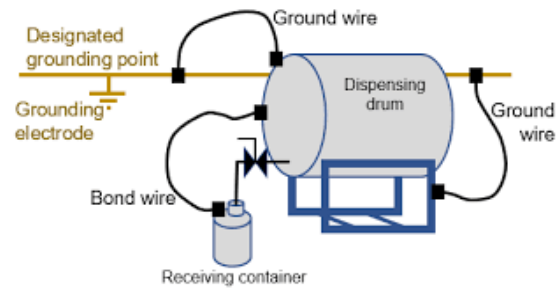
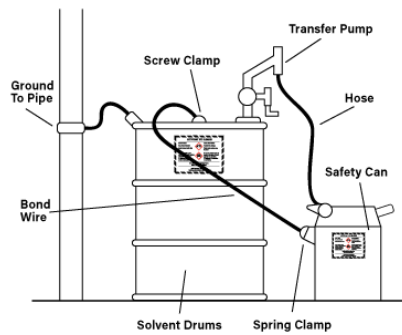
1. Follow all OSHA regulations and NFPA guidelines when using or storing flammable liquids.

NOTE: The term Combustible Liquids is no longer used in OSHA standards since their alignment with Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Therefore combustible liquids are included in one of the (4) classes of Flammable Liquids contained in the OSHA Standard 1910.106.

2. Flammable Liquids have a flashpoint below 199.4°F and are subdivided into (4) categories:
 - Category 1 liquids have flash points below 73.4°F and boiling points at or below 95°F.
 - Category 2 liquids have flashpoints below 73.4°F and boiling points above 95°F.
 - Category 3 liquids have flashpoints at or above 73.4°F and at or below 140°F.
 - Category 4 liquids have flash points above 140°F and at or below 199.4°F.
3. Examples of Flammable Liquids include fuels, solvents, paints and thinners.
4. Ensure that labels on flammable liquid containers are legible on the original shipping container and suitable label added to secondary containers if transferred.
5. Refer to SDS for Flammable liquid for chemical properties, hazards, safe handling and storage, first aid measures applicable personal protective equipment, and emergency procedures before use.
6. All flammable liquids must be stored in properly sealed, labeled containers.
7. Do not use flammable liquids in presence of open flame, sparks, and heated or hot surfaces or other potential ignition sources.
8. Dispense and use flammable liquids in well ventilated areas or outdoors.
9. An appropriate fire extinguisher is required to be available in area of dispensing flammable liquids.
10. Dispense and use only the amount of flammable liquids needed for the job.
11. Keep all flammable liquid containers closed when not in use.
12. Spill control secondary containment should be provided for storage and dispensing flammable liquids in the form of concrete containment system for outside storage capable of containing 100% capacity for storage tank or drums or containment pallet for indoor storage capable of containing 110% capacity for drums.



13. Grounding and Bonding is required when dispensing flammable liquids from 55-gallon drum to prevent static arc during transfer.



14. Dispose of waste flammable liquids in accordance with environmental regulations and guidelines. For assistance, contact your safety representative.