**FACT SHEET ON FLAMMABLE LIQUID STORAGE**

* Storage of flammable liquids must occur in either the original container from the manufacturer, or in approved containers as illustrated in Table 1 of this fact sheet.
* "Flammable liquid" means any liquid having a flashpoint at or below 199.4 °F (93 °C). Flammable liquids are divided into four categories as follows:

**Flammable Liquids**

|  |  |
| --- | --- |
| **Category** | **Criteria** |
| 1 | Flash point < 23°C and initial boiling point ≤ 35°C (95°F) |
| 2 | Flash point < 23°C and initial boiling point > 35°C (95°F) |
| 3 | Flash point ≥ 23°C and ≤ 60°C (140°F) |
| 4 | Flash point ≥ 60°C (140°F) and ≤ 93°C (200°F) |

* When liquid with a flashpoint greater than 199.4 °F (93 °C) is heated for use to within 30 °F (16.7 °C) of its flashpoint, it shall be handled in accordance with the requirements for a Category 4 flammable liquid.

**Maximum Capacity of Containers for Flammable Liquids**

**TABLE 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Container Liquids Type** | **Flammable Liquids** | | |  | |
| Container Type | Category 1 | Category 2 | Category 3 | Category 4 |  |
| Glass or approved plastic\* | 1 pt | 1 qt | 1 gal | 1 gal |  |
| Metal | 1 gal | 5 gal | 5 gal | 5 gal |  |
| Safety Cans | 2 gal | 5 gal | 5 gal | 5 gal |  |

**\***Approved means approved or listed by either Underwriter's Laboratories or Factory Mutual Engineering Corporation.

**Storage Cabinets:** "Maximum capacity." Not more than 60 gallons of Category 1, 2, or 3 flammable liquids, nor more than 120 gallons of Category 4 flammable liquids may be stored in a storage cabinet.

  

**Number of Storage Cabinets:** The number of storage cabinets allowed in a Fire Area is listed below:

|  |  |
| --- | --- |
| **Maximum *Number* of Flammable Storage Cabinets allowed in any one Fire Area** | |
| Non-sprinklered Area | 3 per fire area |
| Cabinets separated by 100 feet | 3 per each 100 feet of travel distance |
| Automatic Sprinkler System | 6 per fire area |

**Fire Area:** A "fire area" is an area of a building separated from the remainder of the building by special construction. This area has a fire resistance of at least 1 hour and has all communicating openings properly protected by an assembly that also has a fire resistance rating of at least 1 hour.

**Flammable Liquid Storage Outside of a Flammable Storage Cabinet:** The maximum quantities of flammable liquids that can be stored outside of a flammable storage cabinet are listed in the Table below:

|  |  |
| --- | --- |
| **Maximum Quantities *Outside* of a Flammable Storage Cabinet or Inside Storage Room** | |
| **Class and Container Type** | **Quantity** |
| Category 1 Liquids in Containers | 25 Gallons |
| Category 2, 3 or 4 Liquids in  Containers | 120 Gallons |
|  |  |