



THE CITY OF SAN DIEGO

**FPB POLICY
P-14-10**

**CONTAINERS ALLOWED FOR STORAGE OF
FLAMMABLE AND COMBUSTIBLE LIQUIDS**

I. PURPOSE

This policy is intended to clarify the types of containers allowed for the storage of Class I flammable liquids and the maximum allowable container size.

II. SCOPE

This policy applies to all Class I flammable liquids stored or used in containers of 60 gallons or less.

III. DEFINITIONS

CONTAINER: is a vessel of 60 gallons or less used for transporting or storing hazardous materials.

IV. REQUIREMENTS

The following table provides the type of container and the maximum allowable container size for storage of Class I flammable liquids.

TYPE	FLAMMABLE LIQUIDS			COMBUSTIBLE LIQUIDS	
	IA	IB	IC	II	III
Glass	0.5 L	1 L	5 L (1.3 gal)	5 L (1.3 gal)	20 L (5.3 gal)
Metal (other than drums) or approved plastic	5 L (1.3 gal)	20 L (5.3 gal)	20 L (5.3 gal)	20 L (5.3 gal)	20 L (5.3 gal)
Safety Cans	10 L (2.6 gal)	20 L (5.3 gal)	20 L (5.3 gal)	20 L (5.3 gal)	20 L (5.3 gal)
Polyethylene UN 1H1, or as authorized by DOT exemption	5 L (1.3 gal)	20 L (5.3 gal)*	20 L (5.3 gal)*	NA	NA

* For Class IB and IC water-miscible liquids, the maximum allowable size of plastic containers is 60 gals.
See NFPA 30, Section 9.4.3.1

Fire Prevention Bureau

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As noted in the above table the approved maximum size glass container with Class I-B flammable liquids is 1-Liter.

- Exceptions:

1. Glass containers greater than 1-Liter (maximum 4-Liters) may be used if they are protected by a fully encapsulated bottle jacket/caddy or if containers are plastic safety-coated.
2. The 4-Liter glass **and a DOT approved 4-Liter plastic** containers from the chemical manufacturer can be used for storage of flammables if they are stored in an approved flammable liquid cabinet when not in use.

Containers shall be designed and constructed in accordance with approved standards. San Diego Fire-Rescue will allow the use of Class I flammable liquids in non-listed or non-approved plastic containers limited to a capacity of less than or equal to 500 milliliters for use in laboratory operations. These quantities of Class I flammable liquids in non-approved plastic containers that are not stored in approved flammable liquid cabinets will be limited to the amount allowed for in-use open.

Promulgated by: _____

Date: _____

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