



**SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT  
COMMUNITY SAFETY SECTION**



**FIRE PREVENTION STANDARD  
HIGH PILE COMBUSTIBLE STOCK QUESTIONNAIRE**

ATTACHMENT S-1.1

BUSINESS NAME: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

The purpose of this questionnaire is to assist the Fire Prevention Office in determining the Fire Code requirements for the storage of High Piled Combustible Stock at your facility. The requirements will be based on the currently adopted editions of the California Fire Code, Chapter 32 and NFPA 13. The following information should be filled out and signed by a qualified person having the necessary code knowledge required for High Piled Combustible Stock, e.g., Code Consultant, Insurance Underwriter or Fire Protection Engineer.

1. Commodity Class: _____ (If commodity is Plastic, please fill out attachment "A")		Source:	<input type="checkbox"/> CFC	<input type="checkbox"/> NFPA
2. Description of storage:				
3. Maximum height of storage (in feet):				
4. Building height, lowest and highest point (in feet):				
5. Method of storage is: (Check all that apply)				
<input type="checkbox"/> Encapsulated in plastic*		<input type="checkbox"/> Non-encapsulated		
<input type="checkbox"/> Wooden Pallets		<input type="checkbox"/> Plastic pallets		
<input type="checkbox"/> On racks with solid shelves		<input type="checkbox"/> On rack without solid shelves		
<input type="checkbox"/> Bin box**		<input type="checkbox"/> Solid pile		
6. Types of racks:				
<input type="checkbox"/> Single Row		<input type="checkbox"/> Double Row		<input type="checkbox"/> Multiple Row
7. Area of storage:				
<input type="checkbox"/> 0 – 500 sq ft		<input type="checkbox"/> 12,000 – 20,000 sq ft		
<input type="checkbox"/> 501 – 2,500 sq ft		<input type="checkbox"/> 20,001 – 300,000 sq ft		
<input type="checkbox"/> 2,501 - 12,000 sq ft		<input type="checkbox"/>		

\*Method of packaging consisting of a plastic sheet enclosing the side and top of a pallet load.

\*\* Five-sided box container with the open side facing an aisle.



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<b>8. Idle pallet storage?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>9. Sprinkler information:</b>			
a. Sprinkler density?			
b. Rack sprinklers?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
c. Temperature rating of sprinkler heads in:		Ceiling:            °F	Racks            °F
<b>10. Distance from top of storage to fire sprinkler deflector?</b>		feet	inches
<b>11. Flue space:</b>	<input type="checkbox"/> Transverse	inches	<input type="checkbox"/> Longitudinal
			inches
<b>12. Smoke vents?</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Ratio            :            sq ft
<input type="checkbox"/> Automatic	<input type="checkbox"/> Manual		<input type="checkbox"/> Automatic/Manual
<b>13. What is the temperature of operation?</b>			
<input type="checkbox"/> Automatic	<input type="checkbox"/> Manual		<input type="checkbox"/> Automatic/Manual
<b>14. Aisle width between racks and storage:</b>		feet	inches
Access aisle width(s):		feet	inches
<b>15. Smoke detection system?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			
Type:	<input type="checkbox"/> Photoelectric	<input type="checkbox"/> Ionization	<input type="checkbox"/> Beam <input type="checkbox"/> Other
<b>16. Maximum cubic feet per pile:</b>			
<input type="checkbox"/> 50,000 cu ft		<input type="checkbox"/> 200,000 cu ft	
<input type="checkbox"/> 75,000 cu ft		<input type="checkbox"/> 400,000 cu ft	
<input type="checkbox"/> 100,000 cu ft			
<b>17. Access roadways within 150-feet of all portions of exterior walls?</b>			<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>18. Access door provided every 100 lineal feet on exterior walls, which face access roadways.</b>			<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>19. Hose Stations:</b>		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Hose Length:	<input type="checkbox"/> 50 ft	<input type="checkbox"/> 100 ft	<input type="checkbox"/> 150 ft

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Phone: \_\_\_\_\_



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<b>ATTACHMENT A PLASTICS</b>			
1. Group type of plastic in storage? (See list below)	<input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C
2. Percentage of plastic in storage? _____ % (volume or weight)			
3. If group type is "A", check each item below that applies to your commodity.			
Is the plastic:	<input type="checkbox"/> Expanded	<input type="checkbox"/> Non-expanded	<input type="checkbox"/> Free Flowing Class IV
How is the plastic packaged? (NFPA 13, 2022 Edition)	<input type="checkbox"/> Exposed		<input type="checkbox"/> Cartoned
How is the plastic piled? (NFPA 13, 2022 Edition)	<input type="checkbox"/> Stable	<input type="checkbox"/> Unstable	<input type="checkbox"/> Solid unit load

<b>Group A</b>	
ABS (Acrylonitrile-Butadiene-Styrene Copolymer)	Polycarbonate
Acrylic (Polymethyl Methacrylate)	Polyester Elastomer
Acetyl (Polyformaldehyde)	Polyethylene
Butyl Rubber	Polypropylene
EPDM (Ethylene – Propylene Rubber)	Polystyrene
FRP (Fiberglass Reinforced Polyester)	Polyurethane
Natural Rubber (if expanded)	PVC (Polyvinyl Chloride – highly plasticized, e.g., Coated Fabric, unsupported film)
Nitrile Rubber (Acrylonitrile Butadiene Rubber)	San (Styrene Acrylonitrile)
PET (Thermoplastic Polyester)	SBR (Styrene-Butadiene Rubber)
Polybutadiene	

<b>Group B</b>	
Cellulosic (Cellulose Acetate, Cellulose Acetate Butyrate, Ethyl Cellulose)	Propylene Copolymer
Chloroprene Rubber	Natural Rubber (not expanded)
Fluoroplastics (ECTFE – Ethylene-Chlorotrifluoroethylene Copolymer; ETFE – Ethylene Tetrafluoroethylene Copolymer FEP – Fluorinated Ethylene)	Nylon (Nylon 6, Nylon 6/6)
	Silicone Rubber

<b>Group C</b>	
Fluoroplastics (PCTFE-Polychlorotrifluoroethylene, PTFE-Polytetrafluoroethylene)	PVDC (Polyvinylidene Chloride)
Melamine (Melamine Formaldehyde)	PVF (Polyvinyl Fluoride)
Phenol	PVDF (Polyvinylidene Fluoride)
PVC (Polyvinyl Chloride-rigid or lightly plasticized, e.g., pipe, pipe fittings)	Urea (Urea Formaldehyde)