



TRIAD FIRE CONSULTANTS, INC.
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Commodity Questionnaire

Please fill this form out to the best of your knowledge and email to support@highpiledstorage.com

Prepared By:	
Title:	
Company Name:	
Project Address:	
Date:	

Please mark all storage configurations will exist in the warehouse:

- Pallet/Selective Rack (Single or Double Row)
- Cantilever Rack (Single or Double Row)
- Multiple Row Storage Rack (ex: Pushback, Drive-In Rack)
- Palletized or Solid Pile Storage (floor stacked/bulk storage)
- Single or Back-to-Back "Rivertier-style" boltless Shelving Units (Note: this is NOT Pallet Rack)
- Catwalk System
- Under-Mezzanine/Platform Storage
- Other (Please Specify): _____

Commodities

Please provide a detailed description of the commodities stored in the warehouse, each on a separate line. Include description of the packaging material used with the products (loose plastic bags, retail cartons, corrugated cardboard cartons, etc.) on each line. Include materials (metal, wood, paper, fabric, plastic, etc.) in the description!

(see next page below)



Disclosing Group A Plastics:

Different hazards of plastics are divided into groups A, B, and C. The list of plastics within each group can be found here: <http://www.highpiledstorage.com/commodities/commodity-classification-detail/> (see "Group A Plastics" through "Group C Plastics" sections. Triad Fire Consultants, Inc. will classify the commodities, but this will help you understand the groups and disclose the correct plastic type on this document.

1. Please note which commodities above (if any) contain any Group A Plastics (where the weight of plastic content is > 15% of "hard shell" (Unexpanded) plastic, or > 25% by volume of "foam" (Expanded) plastic, or a combination of the two types of plastic). If either or both types exist, please provide:
 - a. The worst-case commodity's Unexpanded Group A plastic content percentage by weight, including the weight of the pallet.
 - b. The worst-case commodity's Expanded Group A plastic content percentage by volume.
2. Are there any Group A Plastic commodities listed above are stored in multiple layers of cardboard corrugation, such as a carton inside another carton, or one carton with multiple walls (such as double walled, triple walled, or a corrugated Gaylord carton)?
3. Are there any Group A Plastic commodities listed above where the plastics are in small pellet form that can spill out "free-flowing" in the event of a fire opening the outer container?

RUBBER TIRES:

Are there any rubber tires that will be stored in the warehouse? If so, in what configuration? Will portable tire storage pallets be used?

ROLLED PAPER COLUMNS:

Are there any columns of rolled paper that will be stored in the warehouse? If so, what is the basis weight of the paper? Are the columns banded with steel straps?

ROLLED CARPET STORAGE:

Will there be any rolled carpet storage or storage of fabrics in long rolls in the warehouse? If so, in what configuration (floor or storage racks)?

HAZARDOUS MATERIALS:

Please note if any hazardous materials are stored (such as Flammable or Combustible Liquids, Corrosives, Toxics, Oxidizers, etc.) **Note: Additional analysis not within the scope of this report will be required.**



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Are any commodities encapsulated (covered in shrink wrap on all 4 sides AND completely over the top as well)? Note: it is often advantageous to reconfigure the loads to only be wrapped on the sides but NOT the top (banded, non-encapsulated).

What are the typical pallet load dimensions (Width x Depth x Height)? If there are oversized pallet loads (greater than a 20 SF footprint), please make special note of them.

Are pallets used in the racks made of wood or plastic? If plastic, can you provide the manufacturer and model, or confirmation of a UL or FM Global listing on the plastic pallet?

Will you use wire mesh grating, slatted shelving, solid shelves, or no shelving (open shelf) in the pallet racks (if applicable)?

Will pallet loads be manually stacked or mechanically stacked (by means of a forklift or other mechanical equipment)?

Will the warehouse be accessible to the public?

Will there be liquid propane tank storage cabinets or chained inside the warehouse or outside in the yard? (If so, please provide number of cabinets and a detailed description of the location or provide a sketch of the location on a plan, which may be provided upon request).

Will there be battery chargers for forklifts inside the warehouse?
If so, please specify type (wall sockets or batteries) and provide approximate units and a detailed description of the location or provide a sketch of the location on a plan, which may be provided upon request.

Will there be idle pallet storage (stacks of unused pallets) inside the warehouse or outside in the yard? If so, please provide type (wood or plastic), approximate number of pallets, and a detailed description of the location or provide a sketch of the location on a plan, which may be provided upon request.