

PASADENA FIRE MARSHAL'S OFFICE HAZARDOUS MATERIALS QUESTIONNAIRE

PERMIT INFORMATION

Permit Number:		Date	
Permit Address:			
Proposed Used			
Company Name			
Contact Name			
Contact Telephone			
Responsible Party (Print name legibly)		Title or Affiliation (Please print legibly)	
I have filled out the information on this form to the best of my knowledge for the referenced location in accordance with how I intend to occupy the same			
Responsible Party Signature _____ Date: _____			
DEPARTMENTAL USE ONLY			
MSDS PROVIDED: YES <input type="checkbox"/> NO <input type="checkbox"/> PROPOSED INVENTORY PROVIDED: YES <input type="checkbox"/> NO <input type="checkbox"/>			

Fill out the forms for the materials stored, used or handled at your site by indicating **yes** or **no** in each area provided. These forms in their entirety shall be submitted with each permit application when appropriate. Please attach MSDS for all Materials and the anticipated amount to be stored.

HEALTH HAZARDS (IFC 2703.1.1.2)

MATERIAL	CLASS	DESCRIPTION	MAQ STORAGE	MAQ AMOUNTS USE CLOSED – vapors are not liberated	MAQ AMOUNTS USE OPEN – vapors are liberated	HAVE ABOVE MAQ AMOUNTS?	ESTIMATED AMOUNT TO BE STORED
CORROSIVE		Def: A chemical that causes visible destruction of, or irreversible alterations in, living tissue by chemical action at the point of contact.	5,000 pounds solid, 500 gallons liquid, and 810 cubic feet gas	5,000 pounds solid, 500 gallons liquid, and 810 cubic feet gas	1,000 pounds solid or 100 gallons liquid	NO <input type="checkbox"/> YES <input type="checkbox"/>	
HIGHLY TOXIC		Def: A material which produces a lethal dose or lethal concentration. Lethal dose or concentrations established in accordance with CFR 29.	10 pounds (liquid or solid) or 20 cubic feet gas	10 pounds (liquid or solid) 20 cubic feet gas	3 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
TOXIC		Def: A material which produces lethal dose or a lethal concentration. Lethal dose or concentrations established in accordance with CFR 29.	500 pounds (liquid or solid) or 810 cubic feet gas	500 pounds (liquid or solid) or 810 cubic feet gas	125 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	

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PHYSICAL HAZARDS (IFC 2703.1.1.1)

MATERIAL	CLASS	DESCRIPTION	MAQ STORAGE	MAQ AMOUNTS USE CLOSED – vapors are not liberated	MAQ AMOUNTS USE OPEN – vapors are liberated	HAVE ABOVE MAQ AMOUNTS?	ESTIMATED AMOUNT TO BE STORED
COMBUSTIBLE LIQUIDS	II	Class II liquids include those having flash points at or above 100°F and below 140°F.	120 gallons	120 gallons	30 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
COMBUSTIBLE LIQUIDS	IIIA	Class IIIA liquids include those having flash points at or above 140°F and below 200°F.	330 gallons	330 gallons	80 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
COMBUSTIBLE LIQUIDS	IIIB	Class IIIB liquids include those liquids having flash points at or above 200°F.	13,200 gallons	13,200 gallons	3,300 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
COMBUSTIBLE FIBER	LOOSE BAILED	H-3	100 pounds	100 pounds	20 pounds	NO <input type="checkbox"/> YES <input type="checkbox"/>	
FLAMMABLE LIQUIDS	IA	Class IA liquids include those having flash points below 73°F and having a boiling point below 100°F.	30 gallons	30 gallons	10 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
FLAMMABLE LIQUIDS	IB	Class IB liquids include those having flash points less than 73°F and boiling points at or above 100°F.	60 gallons	60 gallons	15 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
FLAMMABLE LIQUIDS	IC	Class IC liquids include those having flash points at or above 73°F and below 100°F.	90 gallons	90 gallons	20 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
COMBINATION FLAMMABLE LIQUIDS	(IA,IB,IC)	Mixture of storage or use of more than one of these materials.	120 gallons	120 gallons	30 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
CRYOGENIC, FLAMMABLE (Flammable in its vapor state)	Definition: A liquid having a boiling point lower than -150°F at 14.7 (psia).	Examples: carbon monoxide, deuterium (heavy hydrogen), ethylene, hydrogen and methane.	45 gallons	45 gallons	10 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
CRYOGENIC Inert			Not Limited	Not Limited	Not Limited	Not Limited	
CRYOGENIC, OXIDIZING (Can support or accelerate combustion of other materials)	Definition: A liquid having a boiling point lower than -150°F at 14.7 (psia).	Examples: fluorine, nitric oxide and oxygen.	45 gallons	45 gallons	10 gallons	NO <input type="checkbox"/> YES <input type="checkbox"/>	
CRYOGENIC Physical or Health Hazard			Not Limited	Not Limited	Not Limited	Not Limited	
EXPLOSIVES	Examples: dynamite, black powder, pellet powder, initiating explosives, detonators,	safety fuses, squibs, detonating cord, igniter cord, igniters and display fireworks, 1.3G (Class B, Special)	1 pound (liquid or solid)	0.25 pounds (liquid or solid)	0.25 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	

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FLAMMABLE GAS	Gaseous Def: A material which is a gas at 68°F or less at 14.7 psia of pressure which: 1. Is ignitable at 14.7 psia when in a	mixture of 13 % or less by volume with air; or 2. Has a flammable range at 14.7 psia with air of at least 12 %, regardless of the lower limit.	1000 cubic feet	1000 cubic feet	N/A	NO <input type="checkbox"/> YES <input type="checkbox"/>	
FLAMMABLE GAS	Liquefied Def: A liquefied compressed gas which, under a charged pressure,	is partially liquid at a temperature of 68°F and which is flammable.	30 pounds	30 pounds	N/A	NO <input type="checkbox"/> YES <input type="checkbox"/>	
FLAMMABLE SOLID	Def: A solid, other than a blasting agent or explosive, that is capable of causing fire through friction, absorption or moisture, spontaneous chemical change, or retained heat from manufacturing or processing, or which has an ignition temperature below 212°F or which burns so vigorously and persistently when ignited as to create a serious hazard.		125 pounds	125 pounds	25 pounds	NO <input type="checkbox"/> YES <input type="checkbox"/>	
ORGANIC PEROXIDE	UNCLASSIFIED DETONABLE	Def: Are capable of detonation. These peroxides pose an extremely high explosion hazard through rapid explosive decomposition.	1 pound (liquid or solid)	0.25 pounds (liquid or solid)	0.25 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
ORGANIC PEROXIDE	I	Def: Those formulations that are capable of deflagration but not detonation.	5 pounds (liquid or solid)	1 pound (liquid or solid)	1 pound (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
ORGANIC PEROXIDE	II	Def: Those formulations that burn very rapidly and that pose a moderate reactivity hazard.	50 pounds (liquid or solid)	50 pounds (liquid or solid)	10 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
ORGANIC PEROXIDE	III	Def: Those formulations that burn rapidly and that pose a moderate reactivity hazard.	125 pounds (liquid or solid)	125 pounds (liquid or solid)	25 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
ORGANIC PEROXIDE	IV	Def: Burn in same manner as ordinary combustibles with minimum reactivity hazard.	Not Limited	Not Limited	Not Limited	Not Limited	
OXIDIZER	4 Def: An oxidizer that can undergo an explosive reaction due to contamination or exposure to thermal or physical shock. In addition, the oxidizer will enhance the burning rate and cause spontaneous ignition of combustibles.		1 pound (liquid or solid)	0.25 pounds (liquid or solid)	0.25 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
OXIDIZER	3 Def: An oxidizer that will cause a severe increase in the burning rate of combustible materials with which it comes in contact or that will undergo vigorous self-sustained decomposition due to contamination or exposure to heat.		10 pounds (liquid or solid)	2 pounds (liquid or solid)	2 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	

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OXIDIZER		2 Def: An oxidizer that will cause a moderate increase in the burning rate or that causes spontaneous ignition of combustible materials with which it comes in contact.	250 pounds (liquid or solid)	250 pounds (liquid or solid)	50 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
OXIDIZER		1 Def: An oxidizer whose primary hazard is that it slightly increases the burning rate but which does not cause spontaneous ignition when it comes in contact with combustible material.	4,000 pounds (liquid or solid)	4,000 pounds (liquid or solid)	1,000 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
OXIDIZING GAS	GASEOUS LIQUEFIED	Def: A gas that can support and accelerate combustion of other materials.	15 gallons liquid or 1,500 cubic feet gas	15 gallons liquid or 1,500 cubic feet gas	N/A	NO <input type="checkbox"/> YES <input type="checkbox"/>	
PYROPHORIC	N/A	Def: A chemical with an autoignition temperature in air, at or below a temperature of 130F.	4 pounds (liquid or solid) and 50 cubic feet gas	1 pound (liquid or solid) and 10 cubic feet gas	0	NO <input type="checkbox"/> YES <input type="checkbox"/>	
UNSTABLE (REACTIVE)		4 – This class includes materials that are sensitive to mechanical or localized thermal shock at normal temperature and pressures. Def: A material, other than an explosive, which in the pure state or as commercially produced, will vigorously polymerize, decompose, condense or become self-reactive and undergo other violent chemical changes, including explosion, when	1 pound (liquid or solid) and 10 cubic feet gas	0.25 pounds (liquid or solid) and 2 cubic feet gas	0.25 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
UNSTABLE (REACTIVE)		3 – This class includes materials that are sensitive to thermal or mechanical shock at elevated temperatures and pressures. Exposed to heat, friction or shock, or in the absence of an inhibitor, or in the presence of contaminants, or in contact with incompatible materials.	5 pounds (liquid or solid) and 50 cubic feet gas	1 pound (liquid or solid) and 10 cubic feet gas	1 pound (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
UNSTABLE (REACTIVE)		2- This class includes materials that can undergo chemical change with rapid release of energy at normal temperatures and pressures, and that can undergo violent chemical change at elevated temperatures and pressures.	50 pounds (liquid or solid) and 250 cubic feet gas	50 pounds (liquid or solid) and 250 cubic feet gas	10 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
UNSTABLE (REACTIVE)		1 – Materials that in themselves are normally stable but which become unstable at elevated temperatures and pressure.	Not Limited	Not Limited	Not Limited	Not Limited	
WATER REACTIVE		3 – Materials that react explosively with water without requiring heat or confinement. Def: A material that explodes; violently reacts; produces flammable, toxic or other hazardous gases; or evolves enough heat	5 pounds (liquid or solid)	5 pounds (liquid or solid)	1 pound (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
WATER REACTIVE		2 – Materials that may form potentially explosive mixtures with water to cause self-ignition or ignition of nearby combustibles upon exposure to water or moisture.	50 pounds (liquid or solid)	50 pounds (liquid or solid)	10 pounds (liquid or solid)	NO <input type="checkbox"/> YES <input type="checkbox"/>	
WATER REACTIVE		1 – Materials that may react with water with some release of energy, but not violently.	Not Limited	Not Limited	Not Limited	Not Limited	