



U.S. CHEMICAL
storage®

GLOBAL LEADER COMPLIANCE SOLUTIONS



Superior Hazmat Handling & Storage



OUR STRENGTH is your security.

We are America's leading manufacturer of **Hazardous Material Storage Buildings**.

We supply hazmat storage buildings to many industries. Chemical storage buildings are needed, and often required, in manufacturing, agri-chemical management, medical, travel, military and more.

Our buildings are offered in a wide range of sizes and can be configured to suit your individual needs. Our engineering staff is skilled in modular construction. Every US Chemical Storage Building is built to the highest standards to meet or exceed EPA, OSHA and other government requirements.

Why Choose Our Building?

- No cost building design and consultation
- No cost code compliance recommendations
- All models approved
- State approvals available in all states
- Industrial gauge tubular steel construction
- 12 year structural warranty

www.uschemicalstorage.com 800-233-1480

Our Product Line:

CHEMloc™ The perfect choice for storage where fire-rated construction is not necessary. Each model is non-combustible waterproof construction from continuously welded 12 gauge steel.



FIREloc™ The perfect choice for storage of flammables where a fire-rating is necessary. Each model utilizes 2 hour fire-rated, non-combustible, weather proof construction per UL 263 & ASTM E-119. Each model exceeds EPA 40 - CFR. Designed to be placed within 10 - 75 ft. of existing structures.



SUPERloc™ The perfect choice for storage of flammables requiring a 4 hour fire-rating. Each model utilizes non-combustible, weather proof construction per UL 263 & ASTM E-119. Designed to be placed close to, or even within, existing structures.



TURFloc™ The perfect choice for storage of agri-chemicals used by turf maintenance professionals. Excellent storage for pesticides, fertilizers and herbicides. Manufactured in four standard sizes, this is an affordable solution.



DRUMloc™ The perfect choice for drums. When your hazardous materials are supplied in drums, this is the choice for simple, secure storage.



More reasons you will want to choose a US Chemical Storage Building:

- All-welded heavy 12 gauge steel. This makes our buildings more secure and longer lasting!
- UL listed accessories.
- Chemical resistant epoxy coatings - inside and out!
- Leak-proof secondary containment sump.
- Gravity air flow vents, mechanical ventilation and fire suppression systems.
- FM Approved - Factory Mutual is a national testing lab and approval service recognized by OSHA.
- Warnock Hersey Approved.
- Standard 6, 8, 10 and 12 feet widths and lengths up to 52 feet.
- Our knowledgeable sales staff who is ready to assist you and get you quotes quickly!



Accessories? We have many options and can help you configure your building to your needs. Just call: **800-233-1480** or email us: **info@uschemicalstorage.com**



All chemicals need proper storage. When evaluating your hazmat storage needs, consider these flammable and combustible classifications*:

Flammables

A flammable liquid is any liquid having a flashpoint below 100° F (38°C). However, the exception to this is any mixture having components with flashpoints of 100° F, or higher, when such components make up at least 99% of the mixtures volume. The flashpoint is the lowest temperature at which a flammable liquid will give off enough vapor to ignite briefly when exposed to a flame.

Flammable liquids are referred to as Class 1 Liquids. Class 1 Liquids are separated into the following three categories:

Class 1A - Liquids that have flashpoints below 73° F (22.8° C), and a boiling point below 100° F (37.8° C). Examples of this class are Ethyl Ether and Pentane.

Class 1B - Liquids that have flashpoints below 73° F (22.8° C), and a boiling point of at least 100° F (37.8° C). Examples of this class are Acetone, Gasoline and MEK

Class 1C - Liquids that have flashpoints below 73° F (22.8° C), and below 100° F (37.8° C). Examples of this are Turpentine and Xylene.

Combustibles

A combustible is a liquid having a flashpoint of at least 100° F (37.8° C).

Combustibles are divided into two classes:

Class II Combustibles - Liquids that have a flashpoint of at least 100° F (38° C), and below 140° F (60° C). However, the exception to this is any mixture having components with flashpoints of 200° F (93.3° C), when such components make up at least 99% of the total volume of the mixture. Examples of this class are Kerosene and most Oil Based Paints.

Class III Combustibles - Liquids with flashpoints of at least 140° F (60° C). Class III combustibles are divided into these two subcategories:

Class IIIA Combustibles - Liquids having a flashpoint of at least 140° F (60° C), and below 200° F (93.3° C). However, the exception to this is any mixture having components with flashpoints of 200° F (93.3° C) or higher, when such components make up at least 99% of the total volume of the mixture. An example of this is Mineral Spirits.

Class IIIB Combustibles - Liquids having a flashpoint of at least 200° F (93.3° C). Examples of this class are Hydraulic Brake/Transmission Fluids and Lubrication Oils.

What about Fire Ratings?

Fire Ratings apply to the location of your buildings. When looking at your chemical classifications, you should think about where at your facility these chemicals are located. Non Fire Rated buildings, the **CHEMloc™** line, are fine when you have the ability to locate your storage more than 75 feet away from other structures.

The 2 Hour Fire Rated line, **FIREloc™**, is designed to be placed within 10 to 75 feet of existing structures and/or property setbacks.

Our **SUPERloc™** buildings can be located next to, or even within, existing structures.

So what is the difference in the building itself that makes it a Fire Rated Building? The answer is in the wall construction. The diagrams to the right illustrate the differences in our buildings.

Modular Construction

For the ultimate in custom applications, we offer modular construction. With our steel building construction experience, we can configure an arrangement that suits any need. Call us to discuss: 800-233-1480.



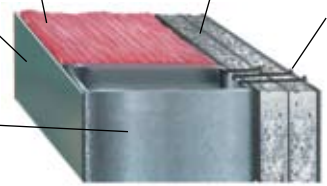
FIREloc™ Wall Construction

Exterior: 12 gauge, hot rolled continuously welded steel.

Insulation: Optional

Interior: Two layers of drywall Ultracode Type X, fire rated, all joints taped.

Steel Tube Studs: 3 " x 2" x 1/8"
Positioned on 2 foot centers.



Screws: S-12 self tapping screws. Inner layer - 1 1/4" length, positioned on 2 foot centers. Outer layer - 2 1/2" length, positioned on 1 foot centers.

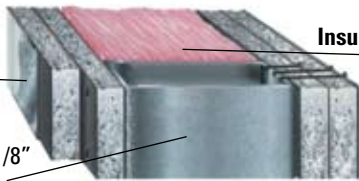
FIREloc™ Bi-Directional Wall Construction

Exterior: Two layers of drywall - covered by heavy Galvaneal exterior sheeting.

Same as above, with these exceptions:

Insulation: Standard

Steel Tube Studs: 3 " x 2" x 1/8"
Positioned on 1 foot centers.



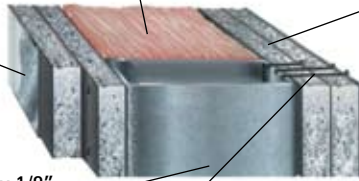
SUPERloc™ Wall Construction

Exterior: Two layers of drywall - covered by heavy Galvaneal exterior sheeting.

Insulation: Mineral Wool

Interior: Two layers of drywall Ultracode Type X, fire rated, all joints taped.

Steel Tube Studs: 3 " x 2" x 1/8"
Positioned on 1 foot centers.



Screws: S-12 self tapping screws. Inner layer - 1 1/4" length, positioned on 2 foot centers. Outer layer - 2 1/2" length, positioned on 1 foot centers.

Our Customers

Aberdeen Proving Ground
Alabama Bureau of Investigation
Audubon Nature Society
Bay Front Medical Center
Bell Helicopter
Bristol-Myers Squibb
Campbell's Soup Company
Conoco Phillips
Dairymen's Association
Entergy Nuclear Plant
Eveready Battery Company
Federal Bureau of Investigation
Florida International University
Fort Drum, New York
Great Smoky Mtns. Nat. Park
Halliburton Energy Services
Honeywell
Johnson & Johnson
Kaanapali Golf Course
Kellogg, Brown & Root
Kentucky State Police
Kilpatrick Turf Equipment
Langley Air Force Base
Lockheed Martin

Magnolia Energy
Massachusetts Institute of
Technology
NASA
North Carolina Dept. of
Transportation
North Carolina State University
Ortho-McNeil Pharmaceutical
Schlumberger Technologies
Sea World of Florida
The Gap/Old Navy
Troon Golf
Tropicana
U.S. Armed Forces
U.S. Coast Guard
Wright Patterson Air Force Base

and many others who are concerned with protecting their businesses, their employees and the environment.

Call us today.

800-233-1480



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HAZMAT STORAGE

