

MANUFACTURING INSIGHTS

LloydSadd



Safely Storing Flammable Materials

Ensuring safe storage practices for flammable materials is essential for preventing accidents, minimizing risks and maintaining a safe and secure workplace environment.

Flammable materials include gases, liquids and solids that can ignite easily and burn rapidly. Here are some guidelines for safe storage.

APPROVED FLAMMABLE STORAGE CABINETS

Flammable liquids must be stored in approved flammable storage cabinets or refrigerators/freezers designed for this purpose, as per fire code requirements. These cabinets have specific construction

features like double-walled steel, raised leak-proof sills, vents, and self-closing doors to contain vapors and prevent ignition. Storage areas must be well-ventilated and at least 3 meters away from spark points (open flames, electrical equipment) and 5 meters from reactive chemicals (mechanical, thermal or electrical sources).

SEGREGATION AND COMPATIBILITY

Never store incompatible materials together, such as flammables and oxidizers. Acids and bases should also be segregated. Store chemicals based on hazard class and compatibility, not alphabetically.

LABELING AND INVENTORY

Maintain an up-to-date inventory of stored materials, quantities, and locations. Whenever possible, keep materials in their original containers. Ensure all containers are properly labeled with supplier labels. Post signs to prevent others from bringing ignition sources near the storage area. Restrict access to authorized personnel only.

SPILL CONTAINMENT

Use chemically-resistant secondary containment trays or pallets to contain potential spills. Have appropriate spill control and fire protection equipment readily available.

INSPECTION AND MAINTENANCE

Regularly inspect storage areas and containers for leaks, damage or corrosion. Immediately remove and properly dispose of any damaged containers. Maintain good housekeeping to minimize clutter and fire risks.

By following proper storage practices and local regulations, manufacturing facilities can safely handle and store flammable materials while mitigating fire and explosion hazards.

If you have questions specific to your business, or would like additional information, please reach out to your Lloyd Sadd Advisor.

™@Local Touch. National Strength. Navacord and Navacord logo are Trademarks of Navacord. The information contained herein is general in nature and general insurance description only. The information is not intended to be insurance advice; nor does it amend, modify or supplement any insurance policy. Consult your actual policy or your broker for details regarding terms, conditions, coverage, exclusions, products, services and programs which may be available to you.

**LET US HELP YOU
MANAGE YOUR RISK**

Edmonton: 1.800.665.5243

Calgary: 1.866.845.8330

Kelowna: 1.800.665.5243

lloydsadd.com

info@lloydsadd.com

Local Touch. National Strength.™