



Hazardous Materials

Manage hazardous inventory and retrieve material safety information quickly to help protect individuals from hazardous chemicals and reduce regulatory compliance costs

Organizations must safely handle toxic products, verify regulatory compliance, and inform first responders where those hazardous materials are stored and what might be encountered during an emergency. Yet, maintaining this information in binders or file drawers can be expensive to manage, difficult to update, and a challenge to access—especially during a crisis. The Web-based ARCHIBUS Hazardous Materials application provides instant updates and access to SDS information from anywhere, stores lists of chemical products used in workplaces, and catalogs their SDS. With its companion Hazardous Materials Mobile App, it facilitates verification, updates, and retrieval by scanning stored containers. It also integrates materials inventories, space/occupancy data, equipment inventories, and organizational information with site- and floor-plan graphics.

Reports & Summary Tables:

- SDS Locations List
 - SDS Chemical Inventory
 - SDS Constituents by Product
 - Browse SDSs by Provider
 - SDS Constituent Locations
 - SDS Locations Highlight
 - SDS Geographic Drill-Down
 - Retrieve Material Safety Data Sheet
 - Print SDSs
- Plus Many More...**

Benefits

- **Minimizes risk of serious injury to building occupants and first responders in the event of an accident**
- **Reduces the administrative cost and effort required to maintain an up-to-date SDS library**
- **Satisfies chemical safety and inventory documentation reporting obligations, efficiently**
- **Enables first responders to quickly and reliably retrieve critical chemical safety information during an emergency**
- **Conforms to GHS classification and reporting guidelines**
- **Identifies errors and omissions in data and potential problems in management processes**

The screenshot displays the ARCHIBUS Hazardous Materials application interface. On the left, there are navigation panels for 'Material Locations Highlight' and 'Select Room'. The main area shows a floor plan with rooms color-coded by hazard level: red for 'Extremely Hazardous', orange for 'Hazardous', yellow for 'Not Listed', and green for 'Unknown'. A legend on the right explains these color codes. Below the floor plan is a 'Material Locations' table with columns for Tier 2 Classification, GHS Product Identifier, Manufacturer, Product Name, Site Code, Building Code, Floor Code, Room Code, Quantity, Units, Container Category, Container Type, Number of Containers, and Temperature.

Tier 2 Classification	GHS Product Identifier	Manufacturer	Product Name	Site Code	Building Code	Floor Code	Room Code	Quantity	Units	Container Category	Container Type	Number of Containers	Temperature
Extremely Hazardous		Acme Inc.	Hydrogen Sulfide	ATHENS-U	SRL	03	302	10.00	1	USEPA-L		1	
Unknown		Acme Inc.	Hard Floor Sealer/Finish	ATHENS-U	SRL	03	314JAN	5.00	1			1	
Unknown		Acme Inc.	OLEIC ACID I ETHYL ESTER TECHNICAL GRADE	ATHENS-U	SRL	03	365	1.50	1	USEPA-HI		1	
Hazardous		Acme Inc.	Benzene	ATHENS-U	SRL	03	365A	0.00	1			1	
Unknown		Acme Inc.	Acetic Acid, Glacial (Certified ACS)	ATHENS-U	SRL	03	365A	0.00	1			1	
Not Listed		Acme Inc.	24k Brush Gold Solution	ATHENS-U	SRL	03	365A	0.00	1			1	
Hazardous		Acme Inc.	Acetone	ATHENS-U	SRL	03	365A	0.00	1			1	
Hazardous		Acme Inc.	Sulfuric acid, fuming	ATHENS-U	SRL	03	365A	0.00	1			1	
Unknown		Acme Inc.	OLEIC ACID I ETHYL ESTER TECHNICAL GRADE	ATHENS-U	SRL	03	365B	0.00	1			1	

ARCHIBUS Hazardous Materials, identify the types and locations of hazards on floor plans for With effective response to events involving toxic materials, better to ensure occupant safety and business continuity



Minimize Risk of Serious Injury

Hazardous materials in a facility present organizations with multiple threats of accidents, personal injury, lost productivity, regulatory noncompliance, and associated legal and financial risks. ARCHIBUS Hazardous Materials minimizes such risks by centralizing data on the nature and location of hazardous materials, and indicating the best way to respond to spill or combustion incidents and injuries.

- Advance best safety practices by making SDS readily available to site occupants
- Share hazmat information with other systems and processes such as GIS, EH&S, Waste Management, and Emergency Preparedness to improve workplace safety
- Use ARCHIBUS document management capabilities to securely store, retrieve, and distribute copies of SDS for both scalability and effective response to accidents
- Manage a detailed inventory of products, containers, and custodians at the subroom level
- Enhance information sharing among associates to proactively prevent problems while supporting effective response to accidents that occur
- Maintain a full audit log of changes to inventory data

Reduce Administrative Costs and Risks of Omission

Large organizations with extensive chemical inventories in multiple locations face a challenge in keeping track of those materials cost-effectively. Manual accounting processes to track chemical stocks and other information, particularly in widely dispersed locations, increase the risk of losing important safety information and falling short of regulatory mandates. ARCHIBUS Hazardous Materials streamlines processes and improves related information access for greater safety and cost efficiency.

- Reduce costs of maintaining an up-to-date materials and SDS library with online data collection and dissemination
- Gather hazard inventory information via the Web for a complete, centralized database, and, optionally, details of constituent components and storage or use locations
- Access SDS stored in a database and indexed for fast search, retrieval, update, and bulk printing
- Leverage other existing ARCHIBUS facilities data such as space and equipment inventory, floor plans, and maps

Document Chemical Safety and Inventories

ARCHIBUS Hazardous Materials ensures completeness of an organization's SDS library that not only decreases the consequences of accidents, but also minimizes the likelihood of regulatory violations and monetary

penalties associated with inadequate compliance. Errors and omissions in compliance can be costly. Because material, classification, container, quantity, location, and other information can be uploaded, centralized, and instantly accessed via the Web, organizations gain a real-time picture of their hazardous materials profile for training, mitigation, and reporting purposes.

- Record all information on chemical stocks, storage, and employee training to document compliance with regulatory requirements
- Provide the flexibility to support multiple hazard classification systems, including National Fire Protection Association (NFPA), Hazardous Material Identification System (HMIS), and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
- Support compliance with hazardous chemical inventory reporting requirements such as EPCRA Tier II/SARA Title III

Empower First Responders

Who handle potentially dangerous materials associates training to manage them. First responders also need this information with equal, if not greater, urgency to take effective action when accidents occur. Because they do not have an insider's day-to-day familiarity with chemical inventories and locations, ARCHIBUS Hazardous Materials provides fire, police, and medical professionals instant, reliable access to critical chemical safety information during an emergency.

- Protect first responders by providing them up-to-date hazardous material location information
- Confirm the presence of hazardous materials to determine necessary precautions and equipment
- Provide access to floor plans with hazards' locations highlighted according to hazard levels; drill down for details, as needed
- Generate maps showing emergency exit locations and evacuation radius graphics

For more information, visit www.archibus.com/msds

