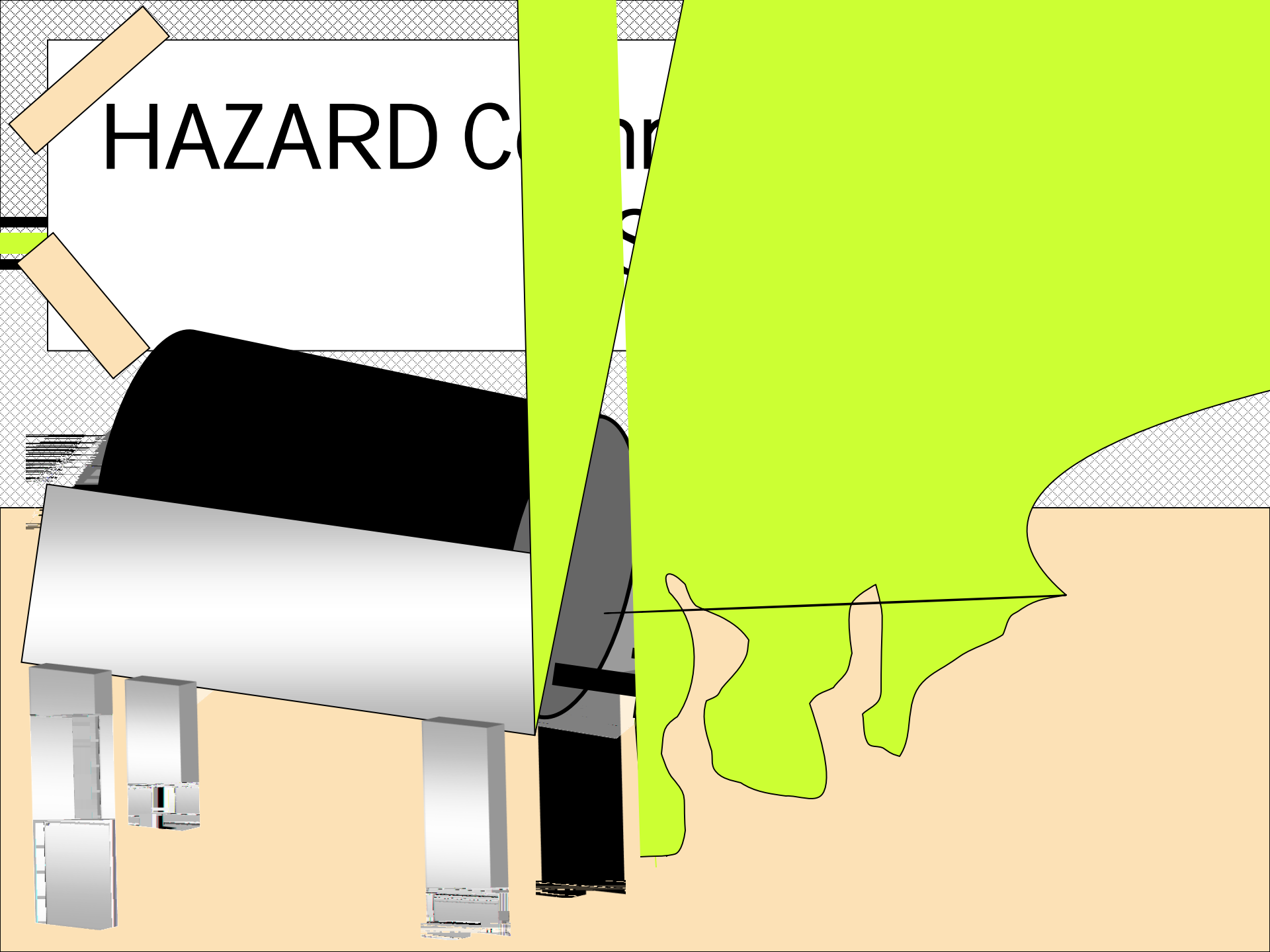


HAZARD C



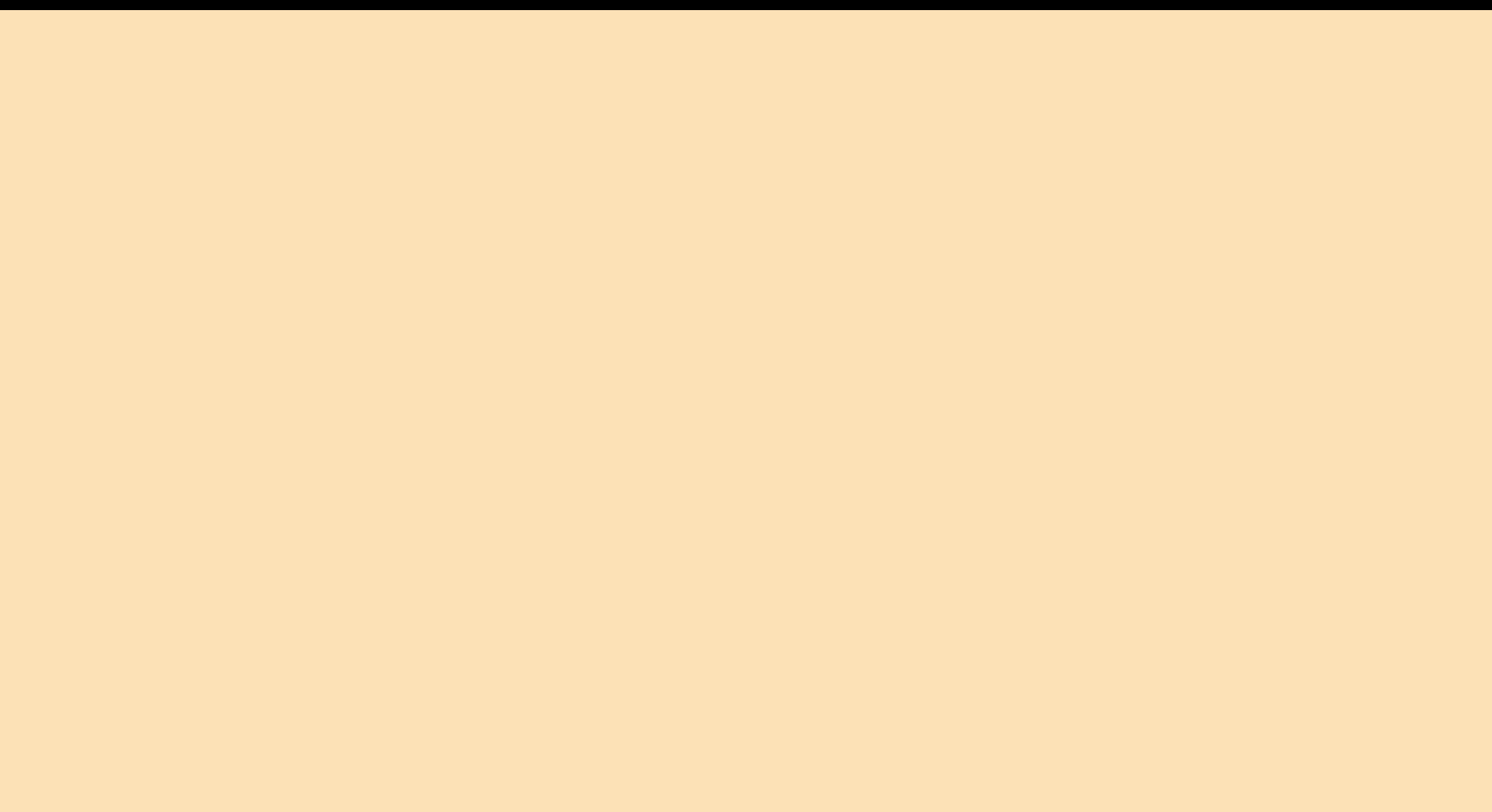
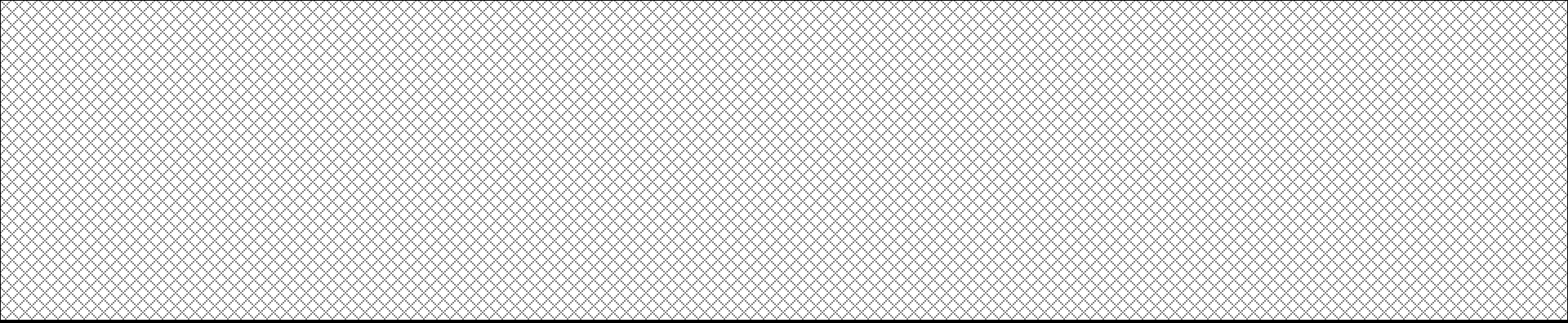
# SELF-TEST

-

GOAL

# General Process

- 1. **Recognize** hazardous materials
- 2. **Research and develop** policies and procedures
- 3. **Evaluate** for effectiveness
- 4. **Revise & re-implement**, when needed



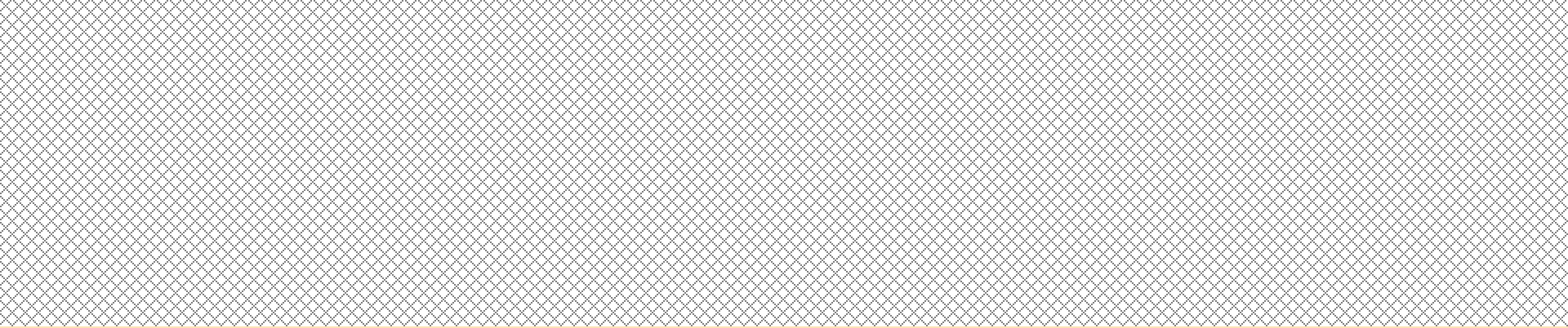
# Recognize

- **Identify** ALL processes that utilize hazardous chemicals in the workplace
  - ALL locations
  - ALL buildings

# PPE

- **Fit**
  - Individual basis
- **Inspection**
  - Prior to use
- **Maintenance & decontamination**
  - Consult manufacturer for approved methods







# Policies & Procedures

- Develop and implement work procedures
- Establish safe work practices
- SDS should be readily available
- Develop & implement **PPE Policy**
  - Should apply to **ALL** affected employees, vendors, and visitors!!

# Where are they?

- SDS books will be maintained within close proximity to hazardous materials.
- Check with your department head to find the one nearest you.

# Inventory

- Each location
- Indicate frequency
- Record-keeping requirements

# Safe Work Practices

- No smoking while handling
- Always wear proper PPE
- Always handle with care
- Avoid skin contact
- Wash hands prior to leaving work area

# Safe Work Practices

- Treat all unknown chemicals as hazardous materials
- Containers are NOT to be used for food preparation or consumption
- Use proper containment when transporting through work area



# Evaluate

- Routine inspections

# Revise

- Implement corrective action to correct identified concerns
- Examples
  - Revising policies/procedures
  - Retraining employees
  - Re-organizing the workplace
  - Procuring supplies





# Communicate

Certain chemicals and quantities must be communicated to the following:

- Reportable quantities
  - Louisiana State Police
- Local fire departments
- LEPC

# Research

- Review:
  - SDS,
  - Safety codes,
  - Laws/standards, and/or
  - Regulations
- Specifications on storage units:
  - Fire rating
  - Proper signage
  - Ventilation requirements
  - Proximity/location



# Layout

- Assign storage spaces in accordance with compatibility requirements

# Establish Procedures

- Safety work practices
  - Upon receipt, move immediately to storage area
  - Keep in original container
  - Do NOT store near stairwell, elevator, or hallways
  - Do NOT store near combustibles (ie. Paper/cardboard)
  - Inspect routinely
    - During your monthly/quarterly inspection (be sure it is documented)

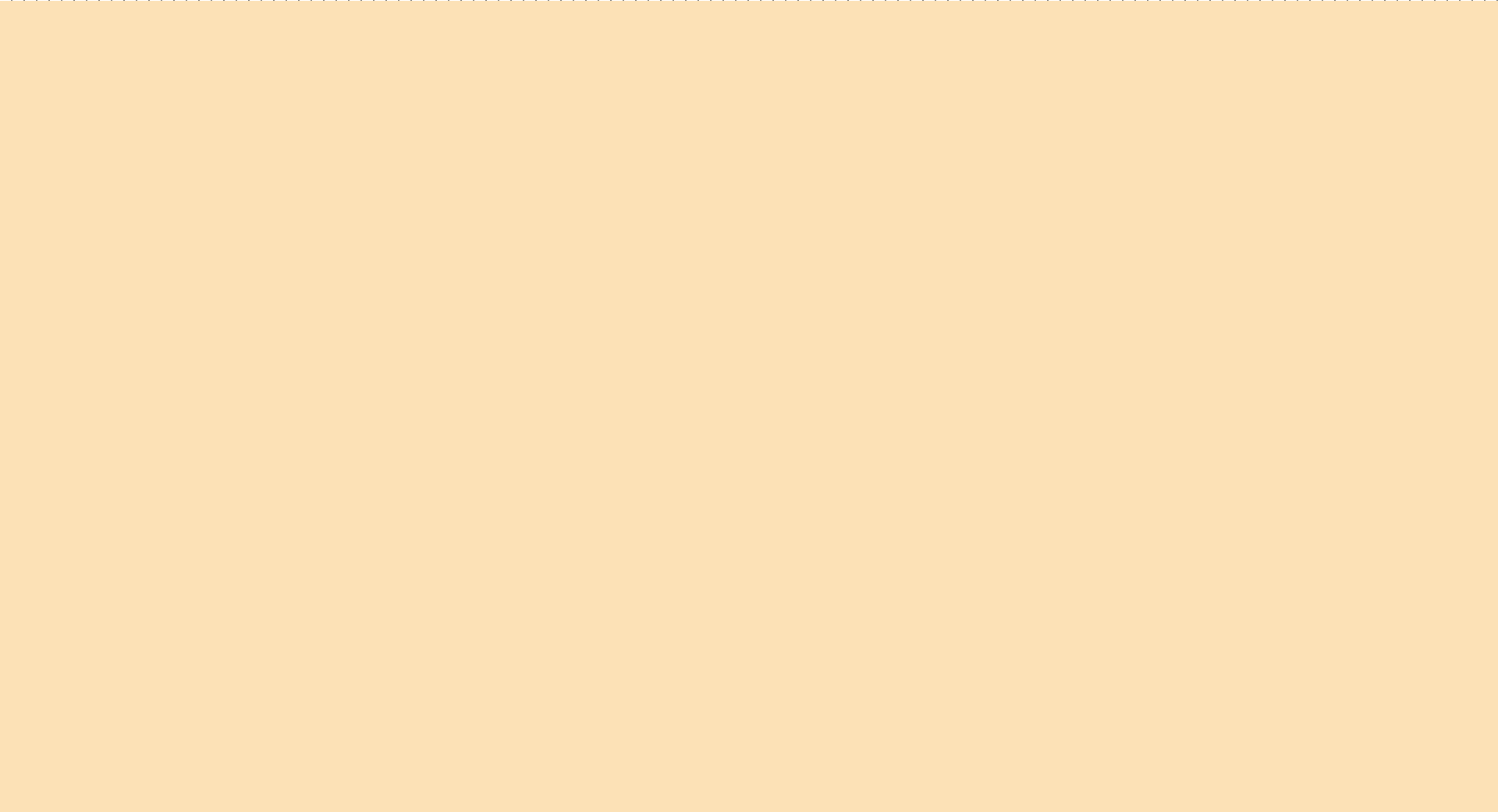
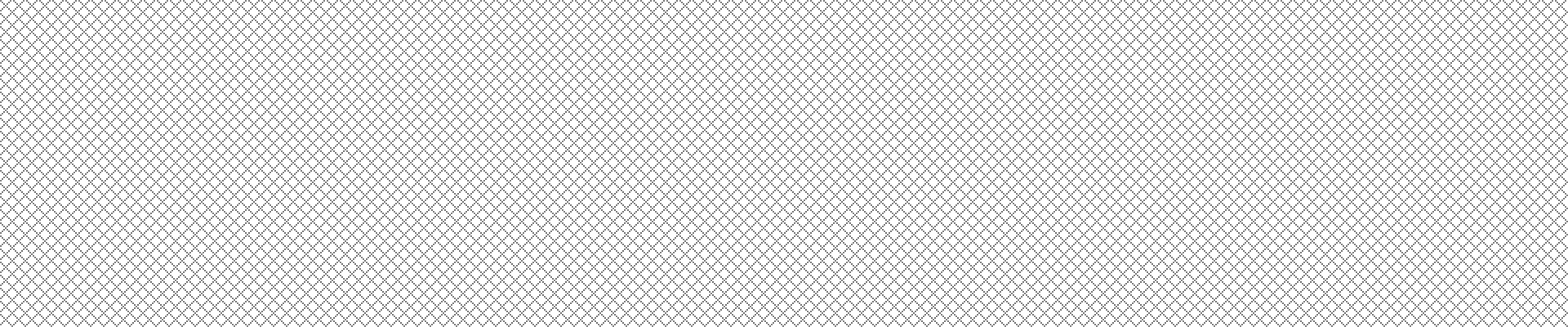


# Implement

- Follow your written procedures

# Evaluate

-



# The Benefits of SDS

- Improved workplace safety
- Fewer exposures
- Consistent communications
- Greater hazard awareness
- Easier compliance
- Enhanced human and environmental protection



quiz:

# How Much Do You Know?



Under the GHS, OSHA will no longer regulate workplace hazardous chemicals



The SDS contains less information than the old MSDS



The SDS can create a safer work environment for you and your co-workers



The SDS will be harder to understand than the MSDS

# Sections

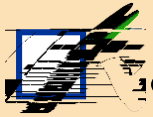
- Section 1 Identification of Substance
- Section 2 Hazards Identification
- Section 3 Composition & Ingredient Information
- Section 4 First-Aid Measures
- Section 5 Fire-Fighting measures
- Section 6 Accidental Release
- Section 7 Handling & Storage

# Sections

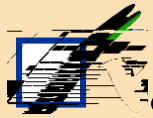
(cont)

- Section 8 Exposure Controls & PPE
- Section 9 Physical & Chemical Properties
- Section 10 Stability & Reactivity
- Section 11 Toxicological Information
- Section 12 Ecological Information
- Section 13 Disposal Considerations
- Section 14 Transportation Information
- Section 15&16 Regulatory and Other

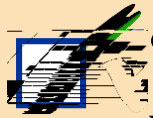
# Key Points to Remember



- It is essential to have complete and accurate information about the substances you use



- The SDS helps prevent accidents and exposures



- Always consult the SDS for the substances you use on the job.

# Training

- Should your job expose you to more hazards you will receive much more detailed training.
- Please review our Hazard Communication Policy here:
- [http://www.ulm.edu/safety/manual\\_hazardcomm.html](http://www.ulm.edu/safety/manual_hazardcomm.html)