

HAZARDOUS CHEMICAL COMPATIBILITY

CHEMICAL SAFETY | THINK AHEAD. CONTROL THE HAZARD. PROTECT THE CREW.

Today we are discussing hazardous chemical compatibility. Review the job, identify the specific exposure, and agree on the controls before work begins.

COMMON HAZARDS AND SAFEGUARDS

- Check the SDS before mixing or transferring chemicals
- Separate acids, caustics, oxidizers, fuels, and reactives
- Use only compatible hoses, gaskets, containers, and pumps
- Prevent cross-contamination of transfer equipment
- Verify storage segregation and secondary containment
- Stop if heat, pressure, gas, or discoloration develops

THE COMMON-SENSE CHECK

- 1 What can go wrong during hazardous chemical compatibility?
- 2 Which of today's conditions increases the risk?
- 3 Are isolation, permits, and equipment verified?
- 4 Does everyone understand the controls and limits?
- 5 What will make us stop, withdraw, or raise the alarm?

CONTROL THE EXPOSURE

PLAN

Check the SDS before mixing or transferring chemicals

VERIFY

Separate acids, caustics, oxidizers, fuels, and reactives

CONTROL

Use only compatible hoses, gaskets, containers, and pumps

RESPOND

Stop if heat, pressure, gas, or discoloration develops

ASK THE CREW

1. Where could this hazard affect us during today's work?

2. Which control must be verified before we begin?

3. What condition requires us to stop work or evacuate?

DATE: _____ SUPERVISOR: _____ CREW / LOCATION: _____