

## PEROXIDE FORMING CHEMICAL EVALUATION SHEET

### Admin info

Owner: \_\_\_\_\_ Division: \_\_\_\_\_ Group: \_\_\_\_\_

Building: \_\_\_\_\_ Room: \_\_\_\_\_ Ext.: \_\_\_\_\_

Evaluator: \_\_\_\_\_ Ext.: \_\_\_\_\_ Date: \_\_\_\_\_

### Hazard Evaluation

*(To determine if container is safe to open and test for peroxide concentration)*

#### Material info

Chemical name: \_\_\_\_\_ Manufacturer: \_\_\_\_\_

Manufacturer Part No.: \_\_\_\_\_ Lot No.: \_\_\_\_\_ CAS No.: \_\_\_\_\_

LBNL Chem Inventory Bar Code No.: \_\_\_\_\_

Tested for peroxides by owner? ☐ Yes ☐ No Method: \_\_\_\_\_

Result: \_\_\_\_\_ Date of test: \_\_\_\_\_

Peroxide former category (see list): ☐ A ☐ B ☐ C Within expiration date? ☐ Yes ☐ No

Received date: \_\_\_\_\_ Last opened: \_\_\_\_\_ Expiration date: \_\_\_\_\_

Inhibitor added? ☐ Yes ☐ No Inhibitor name: \_\_\_\_\_

#### Container condition

Container type: ☐ Steel ☐ Glass ☐ Plastic ☐ Primary or ☐ Secondary

Container volume: \_\_\_\_\_ Remaining liquid volume: \_\_\_\_\_

Container in good condition (lack of deformation)? ☐ Yes ☐ No

Closed container free of detectable odor (i.e., lack of active evaporation)? ☐ Yes ☐ No

Container and cap free of crystal formation? ☐ Yes ☐ No

Contents free of stratification, cloudiness & wisp-like structures? ☐ Yes ☐ No

#### Storage conditions

How stored? ☐ Flam cabinet ☐ Refrigerator Other \_\_\_\_\_

Protected from sunlight or UV source (e.g., lamp)? ☐ Yes ☐ No

Comment: \_\_\_\_\_

Stored away from heat? ☐ Yes ☐ No If exposed to heat, note how long & temp. range \_\_\_\_\_

### Hazard Determination

Is container safe to open and test for the presence of peroxides? ☐ Yes ☐ No

Peroxide concentration (ppm): \_\_\_\_\_ Method \_\_\_\_\_

### Disposition of material

☐ Stays with owner: Follow controls in Chemical Hygiene and Safety Plan (A-Z Index)

☐ Disposal: ☐ LBNL EH&S Waste Mgt. Group ☐ External consultant

Comments: \_\_\_\_\_