

Workshop
Art Teacher & Artist Chemical Safety
May 23, 2017
AVA GALLERY, LEBANON, NH
10:00 am – 3:00 pm

AGENDA

9:00 AM – Registration, Breakfast and Networking

10:00 AM – Dave Waddell, Waddell Environmental, Inc.

An introduction to toxicology

- What is a toxic substance?
- Dose and response
- Routes of exposure to harmful art products

Common chemicals of concern in the arts

- Flammable and toxic solvents
- Corrosive photo chemicals, etchants, patinas and pickles
- Toxic pigments, dyes and vehicles
- Reactive and toxic photo chemicals, bleaches and acids

Break: [11:00 – 11:10]

Safer alternatives to hazardous art products

- Reading labels and safety data sheets
- How to identify safer solvents, pigments and acids
- Label limitations and greenwashing

Protecting artist's health and safety

- The hierarchy of exposure control
- Elimination, substitution, engineering controls, administrative controls, PPE

Noon – 1:00 PM – Lunch Break/Tour of AVA Gallery

Discipline-specific guidelines (adapted to attendee's interest and specialties)

- Photography
- Ceramics
- Painting and Drawing
- Jewelry and Metalsmithing
- Glassworking
- Printmaking

1:00 PM – Back with Dave

Properly storing hazardous art products and wastes

- What's a hazardous waste?

2:30 PM – Melissa Zych, NH Department of Environmental Services & Teresa Ferrara, NH WORKWise

An overview of hazardous waste requirements applicable to public and private schools and available disposal options.

2:55 PM – Wrap-Up, Evaluations, and Drawing Prizes

