



### DESCRIPTION:

Applying materials such as vinyl, asphalt, plastics, or rubber on an unprotected slope to temporarily stabilize the slope.

### APPLICATION:

- ▶ As a tacking agent to aid the stabilization of mulches (where matting is not used).
- ▶ As a short-term alternative in areas where temporary seeding practices cannot be used because of seasonal condition or climate.
- ▶ On steep and rocky slopes where neither mechanical methods or mulches and protective netting can be effectively applied.

### INSTALLATION/APPLICATION CRITERIA:

- ▶ The application rates and procedures recommended by the manufacturer of a chemical stabilization product should be followed to prevent the products from forming ponds and from creating large areas where moisture cannot get through.
- ▶ For permanent application, chemical mulches (when used with seed and mulch) should be applied over wood fiber or straw mulch.

### LIMITATIONS:

- ▶ Chemical mulches can create impervious surfaces and impact water quality if not properly applied.
- ▶ Some products may not be suitable for use near natural streams.

### MAINTENANCE:

- ▶ Inspect at regular intervals and after each runoff-producing storm event.
- ▶ Replace chemical mulch as needed to ensure adequate level of coverage.

### CONSIDERATIONS

- Soils
- Area Required
- Slope
- Water Availability
- Aesthetics
- Hydraulic Head
- Environmental Side Effects



## WEBER COUNTY

### ENGINEERING DEPARTMENT

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### TARGETED POLLUTANTS

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oxygen Demanding Substance
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses
- High Impact
- Medium Impact
- Low or Unknown Impact

### IMPLEMENTATION REQUIREMENTS

- Capital Costs
- O&M Costs
- Maintenance
- Training
- High
- Medium
- Low