

U.S. Army Garrison Hawaii – Environmental Compliance Guide

AVIATION MAINTENANCE RAGS and TECH WIPES

GENERAL INFORMATION

Aircraft maintenance procedures use many different hazardous materials including POL, adhesives, sealants, epoxies, solvents and paint. The application of these materials generate waste products that are regulated by federal and/or state environmental regulations.

POTENTIAL HAZARDS

Some of the hazardous materials used in the maintenance processes contain Chromium and other toxic constituents. Cadmium, which is used in corrosion protection of the airframe is also toxic and typically present on the rags generated from working on the aircraft.

WASTE CHARACTERIZATION

All waste aviation maintenance rags and tech wipes are considered HAZARDOUS WASTE. This includes rags contaminated with POL, alcohol, acetone and corrosion conversion coatings (e.g. alodine).

HANDLING AND DISPOSAL PROCEDURES

Step 1: Use/re-use rags to their fullest extent without becoming saturated (dripping).

Step 2: Store used rags in the hangar in closable metal containers, separated by the process for which the rags are used (e.g. Used POL Rags, Used Alcohol Rags, Used Acetone Rags) and re-used as much as possible.

Step 3: When rags are no longer usable, place them in a clear plastic bag and contact the ECO to transfer the bag of rags to the HWSSP. **DO NOT LEAVE BAGS OF WASTE RAGS AROUND THE HANGAR!**



Step 4: The ECO can accumulate the POL and Alcohol rags together in a container in the HWSSP marked "HAZARDOUS WASTE AVIATION MAINTENANCE RAGS & DEBRIS". Waste Acetone Rags must be stored in a separate container marked "HAZARDOUS WASTE ACETONE RAGS".

Step 5: The ECO can call the *Waste Pickup Request Line (808) 656-0867* for pickup.