

BEWARE OF CADMIUM!

**DO NOT FEED
THE CADMIUM
BEAST!**

**APPROACH
WITH CAUTION**

**CADMIUM
CORROSION ON YOUR
POWER DISTRIBUTION
UNITS IS SERIOUS
STUFF!**

**HERE'S
HOW TO
HANDLE
IT SAFELY!**



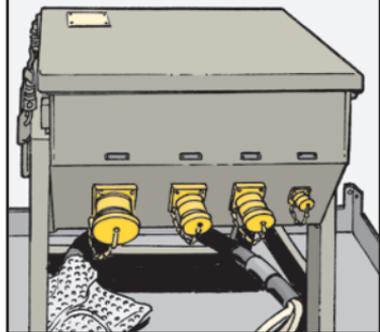
Cadmium plating is used on nuts, bolts, washers, hoist rings, tiedown bolts, flexible cable conduits, fasteners and connectors to prevent corrosion from ruining them.

Unfortunately, cadmium is a carcinogen, which means you need to be very careful handling and disposing of it. This is especially true when cadmium-plated parts start to corrode. Cadmium corrosion is usually a white, blue or reddish powder that forms on cadmium-plated parts.

The following power distribution illumination systems, electrical (PDISE) have cadmium-plated connectors and dust covers:

- M200 A/P, NSN 6150-01-308-5672
- M100 A/P, NSN 6150-01-308-5671
- M60 A/P, NSN 6150-01-307-9445
- M40 A/P, NSN 6150-01-307-9446

Cadmium corrosion forms on PDISE unit connectors and dust covers



ANYTIME YOU SPOT CADMIUM CORROSION ON THEIR CONNECTORS AND COVERS, YOU **MUST** FOLLOW THESE PRECAUTIONS...



- Do any cleaning in a well-ventilated area—outdoors if possible. Use exhaust ventilation to capture cadmium dust at its source. Try to keep cadmium dust from becoming airborne.

- Avoid creating dust by not using abrasive material, like sandpaper, or compressed air on cadmium-contaminated surfaces.



- Do not smoke, eat, drink or chew tobacco while removing cadmium corrosion.

Avoid contact with your eyes, mouth and nose. If you do accidentally inhale or get cadmium on your skin, follow the emergency procedures in FM 4-25.11, *First Aid*.



- Wash your hands and face as soon as possible after cleaning off cadmium corrosion.

- Clean cadmium corrosion with a wet cloth. Make one wipe at a time and fold the cloth in half, using the clean side for wiping each time. When the cloth becomes too small, start again with a clean piece of cloth. Wipe larger surfaces top to bottom to avoid re-contaminating surfaces. Wipe in one direction, not back and forth. Clean from the windward side of the object and make sure no one is downwind.

When you're done, place all debris and cleaning cloths in a sealable container or plastic bag. If you use a bag, don't squeeze it. That could cause cadmium particles to puff into the air.

Carefully remove your gloves inside out and put them in the container or bag. Seal it.

Label the container or bag:

DANGER
CONTAINS CADMIUM
CANCER HAZARD
AVOID CREATING DUST
CAN CAUSE LUNG AND
KIDNEY DISEASE

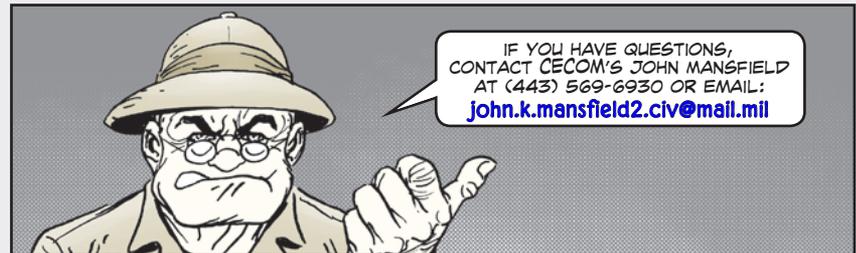


FINALLY, FOLLOW LOCAL ENVIRONMENTAL LAWS AND ARMY REGULATIONS TO DISPOSE OF GLOVES, CLOTHING, RAGS, RESPIRATOR CARTRIDGES AND WASTE WATER.



WHIMPER...

STAY!



IF YOU HAVE QUESTIONS, CONTACT CECOM'S JOHN MANSFIELD AT (443) 569-6930 OR EMAIL: john.k.mansfield2.civ@mail.mil