

EMERGENCY RESPONSE INFORMATION FOR TROXLER NUCLEAR GAUGE

Call Troxler Electronic Laboratories, Inc, at (919) 549-9539 for Emergency Assistance

RADIOACTIVE MATERIAL, TYPE A PACKAGE, UN2915

POTENTIAL HAZARDS

HEALTH

Radiation presents minimal risk to transport workers, emergency response personnel and the public during transportation accidents. Packaging durability increases as potential hazard of radioactive content increases.

Undamaged packages are safe. Contents of damaged packages may cause higher external radiation exposure, or both internal and external radiation exposure if contents are released.

Type A packages (cartons, boxes, drums, articles, etc.) identified as "Type A" by marking on packages or by shipping papers contain non-life endangering amounts. Partial releases might be expected if "Type A" packages are damaged in moderately severe accidents.

Radioactive Yellow-II labeled packages have higher radiation levels than White-I.

The transport index (TI) on the label identifies the maximum radiation level in mrem/h one meter from a single, isolated, undamaged package.

Some radioactive materials cannot be detected by commonly available instruments.

Water from cargo fire control can cause pollution.

FIRE OR EXPLOSION

Some of these materials may burn, but most do not ignite readily.

Radioactivity does not change flammability or other properties of material.

PUBLIC SAFETY

IMMEDIATE PRECAUTIONS

Call emergency response telephone number on shipping paper first.

Priority for rescue, life-saving, first aid, fire control and other hazards are higher than the priority for measuring radiation levels.

Radiation Authority must be notified of accident conditions. Radiation Authority is usually responsible for decisions about radiological consequences and closure of emergencies.

As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions. Stay upwind. Keep unauthorized personnel away.

Detail or isolate uninjured persons or equipment suspected to be contaminated; delay decontamination and cleanup until instructions are received from Radiation Authority.

PROTECTIVE CLOTHING

Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters protective clothing will provide adequate protection against internal radiation exposure, but not external exposure.

EVACUATION

Large Spill

Large Spill Do not touch damaged packages or spilled material.
Slightly damaged or damp outer surfaces seldom indicate failure of inner container.
If source is identified as being out of package, stay away and await advice from
Radiation Authority.

Fire

When a large quantity of this material is involved in a major fire, consider an initial
evacuation distance of 300 meters (1000 feet) in all directions.