Cool all containers of tetrachloroethylene with water delivered by sprinkler systems. Apply foam from as far away as possible. Never allow yourself to be caught between the fire and any heated containers.

After the fire has been extinguished, call in professional salvage teams to move and remove all containers. All cleanup activities should be performed by professional salvage and/or cleanup companies. Firefighters should not be involved in these activities, since they have not been professionally educated, trained, or equipped for these tasks. Firefighters also should keep their protective equipment, especially their self-contained breathing apparatus, in place during overhaul. Many materials continue producing potentially toxic vapors long after the fire has been extinguished.

PROTECTIVE CLOTHING AND EQUIPMENT
Select all protective clothing and equipment to provide the maximum respiratory eye, and skin protection against tetrachloroethylene. Regular turnout gear that is impervious to liquids may provide skin protection, as may rubber boots, gloves, aprons, coveralls, and hoods. Chemical-resistant goggles that protect against splashes may be required under a face shield. Positive-pressure, self-contained breathing apparatus is needed to provide respiratory protection.

Use properly maintained tank encapsulating suits whenever the liquid or high concentrations of vapor are present. Compatible materials include polyvinyl alcohol, Teflon®, and Viton®.

One source places chlorinated polyethylene and Viton/neoprene on the list of compatible materials. Contact the manufacturer of your department's encapsulating suits to determine the suit's capacity to protect against tetrachloroethylene. Also, contact tetrachloroethylene manufacturers for their recommendations.

FIRST AID
Inhalation. Move the victim to fresh air and keep him/her calm and warm. If breathing has stopped or has become labored, administer artificial respiration, being aware that such action might expose the first-aid giver to the material in the victim's lungs and/or vomit. Seek immediate medical attention.

Eye contact. Flush the eyes immediately for at least 20 minutes, lifting the eyelids occasionally. Seek immediate medical attention.

Skin contact. Wash the affected body areas with large amounts of soap and water. If irritation continues after washing, seek medical attention. If the victim is conscious, keep him/her calm and warm. Seek expert medical advice before inducing vomiting. Never try to make an unconscious person drink anything or vomit. Immediate medical attention is absolutely necessary when tetrachloroethylene is ingested.

SYNONYMS
Aukloin
Antisol
Antisol1
carbon tetrachloride
carbon tetrachloride
Dakelene
Dowmer
INT 1,860
etene, tetrachloroethylene
ethylene tetrachloride
Feddal
NCCI-4580
Nemis
PCE
Per
Perwax
Perchlor
perechloroethylene
perchloroethylene
Perclene
Perclene D
Perclene
Percosolve
Peroxene
Peroxene
Persec
TCE
Teflon
Tetracloropentane
tetrachloroethylene
tetrachloroethylene
1,1,2,2-tetrachloroethylene
Tetravec
Tetraleno
Tetralone
Tetralext
Tetraprol

Attnention: Purchasers of CHEMICAL DATA NOBOOK: A USER'S MANUAL
Many of you have been in touch with us to let us know that the full-color page that includes the hazardous-materials placards and labels was not left out and will be made available to everyone who purchased a copy of the Notebook.

If you bought your book directly from Fire Engineering, contact our customer service department at 1-800-752-9768. Your order is on file and you will be sent the sheet. If you purchased the Notebook from a bookstore or distributor, contact the store directly, as we will be sending a supply for those customers.

We apologize for this error.

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Apparatus Deliveries

BY JOHN A. MALLEY

The vehicles are powered by a Caterpillar 3116, 250-hp, diesel engine with an Allison MT-647 automatic transmission. They have a Hale single-stage, 1,000-gpm pump, a 2,000-gallon polypropylene water tank; a 10-in. rear-mounted Class A body compartment; bumper-mounted air horns; and intersection warning lights forward of the front bumper.

Case No. 1 on Reader Survey Card

The Angola (IN) Fire Department, headed by Fire Chief Michael Meck, operates this rescue truck built by Marboy Inc. Bob Meck says the truck was purchased because the 1750-cu- r and the unit is too small, and it also provides mutual aid to several smaller communities. The apparatus can carry eight personel, extraction equipment, and just about anything else needed at a fire except water. The size of the vehicle makes it possible to respond on mutual aid with one or two vehicles rather than three or four (depending on the situation).

Case No. 3 on Reader Survey Card

The fire departments in Jackson County, Mississippi, are operating five fire-pumpers built by Emergency One on the GMC Topkick chassis. Jackson County is served by 11 volunteer fire departments serving 50,000 residents. Large water tankers are necessary because most of the rural areas do not have hydrants. Fire Chief Jim Moore says aluminum construction is specified to counteract the rust and corrosion common to the aluminum. Water is to reduce weight, enabling them to carry more water and equipment; and to improve off-road handling.

Major equipment consists of a 12-kw Onan generator and four 1800-watt spotlights, which includes four 500-watt Quick-Rise and four 250-watt incandescent lamps. They are located at each corner of the module; the two are telescoping, and the rear are on tripods and mounted and extended 150 feet. Among the equipment carried are hoses, axes, and a full set of air bags; confined-space equipment; 2,000 ft. of 3.5/4" hose, and an Arc-air cutter.

Davison notes that the unit has the same diversity of capability as a heavy squad, except that it carries one instead of two or more of everything. The water capacity is 3,000 gallons, which is third of what a heavy squad would cost. (Photo by Norman Koz.)

Case No. 1 on Reader Survey Card

The rescue truck has an 18-foot box with seat for six. It is mounted on a Ford F650 chassis powered by a Ford 7.8L diesel engine with an Allison MT-647 automatic transmission. It has a 1750-cu- in. wheelbase. The body has 10 exterior and four interior compartments. It mounts a Lima 15-kw diesel engine and has four pumps. It is one of two Class A Foam fire engines that fire departments use for mutual aid. The five pumps deliver 50,000 gpm to the pump. It is used for urban structure fires and is a Class 1 Foam A, one at each corner of the body, and two 500-watt 1800-watt spotlights. It has four 250-watt spotlights, and an Arc-air cutter.

Case No. 3 on Reader Survey Card

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