

# RoboCup Rescue Victim Construction

The Victim in Robocup Recue is designated as a 375mm aluminium drink can filled with 100gms or rice, sealed and covered with aluminium foil. The following is a method of construction.

Step 1.

Obtain one empty drink can



Step 2.

Cut a sheet of aluminium foil to a size slightly higher than the can and slightly longer than the perimeter of the can.



Step 3.

Tape the leading edge with clear tape.



Step 4.

- a. Wrap the foil around the can and tape into place as shown in the following steps.



Step 5.

Tape the top and bottom of the can. NB. Black tape is used here for definition only, use clear tape.



### Preferred Method

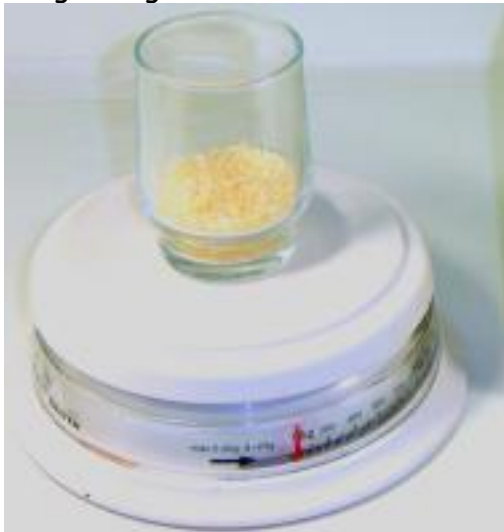
Step 3, 4 & 5.

Spray the can with adhesive and then roll the can onto the foil. Done sensibly no tape is needed on the can and the foil is less likely to tear.



Step 6.

Weigh 100gms of rice.



Step 7.

Pour the rice into the can.



Step 8.

Use clear tape to cover the opening so that the rice cannot escape from the can during rescues.

