

121°C
134°C



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The SHARPAK range of containers is approved to BS7320:1990 and has been tested and certified in accordance with the provisions of the United Nations Recommendations on the Transport of Dangerous Goods, Chapter 9.

Technical data - steam sterilisation

SHARPAK® sharps containers are manufactured from polypropylene and as such are capable of withstanding sterilisation by autoclaving at 121°C for 15 minutes or 134°C for 4 minutes without any major distortion. The only potential problem is that the paper label will distort due to the moisture in the steriliser, and the user should be aware that the label contains all the details about the product including the UN number so it 'must' be retained with the container and if necessary secured with clear adhesive tape. It should also be remembered that the UN certification is awarded after the containers have been tested in accordance with the guidelines and as such are then considered safe to be transported. The effects of steam sterilising the containers has not been considered in this certification as this process is not necessary when transporting contaminated sharps under the UN 3291 classification.

The "Recommendations on the Transportation of Dangerous Goods", Division 6.2 Infectious Substances, part 6.9.7 states:

"Wastes transported under UN3291 are wastes derived from the medical treatment of humans or animals or from bio-research where there is a relatively low probability that infectious substances are present. Waste infectious

substances which can be specified should be assigned to UN2814 or to UN2900. Decontaminated wastes which previously contained infectious substances should be considered non-dangerous unless the criteria of another class are met".

The UN numbers are defined as follows:

UN 3291	- CLINICAL WASTE, UNSPECIFIED N.O.S., OR (BIO) MEDICAL WASTE, N.O.S. OR REGULATED MEDICAL WASTE, N.O.S.
UN2814	- INFECTIOUS SUBSTANCE, AFFECTING HUMANS
UN2900	- INFECTIOUS SUBSTANCE, AFFECTING ANIMALS

For details regarding SHARPAK distributors and world wide availability, please contact: Amcor Flexibles/SPS Laboratoires
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