

Package Design N° 2816G
Package Name: SAFKEG



Type

Designed as a B(U)F Package to the IAEA Regulations for the Safe Transport of Radioactive Material 2005 Edition No TS-R-1.

Certification

Certified by the UK Competent Authority: Certificate N° GB/2816G/B(U)F-96.
Validations for other countries can be obtained.

Description

The package consists of an Outer Container Keg Design N° 2816 which carries a resealable Inner Container Design N° 2851 within insulating and shock absorbing cork packing.

The Outer Container Keg Design N° 2816 has a fabricated stainless steel body with a large stainless steel lined cavity and a bolted stainless steel lid. The space provided between the fabricated body and the lined cavity is filled with a phenolic foam insulant.

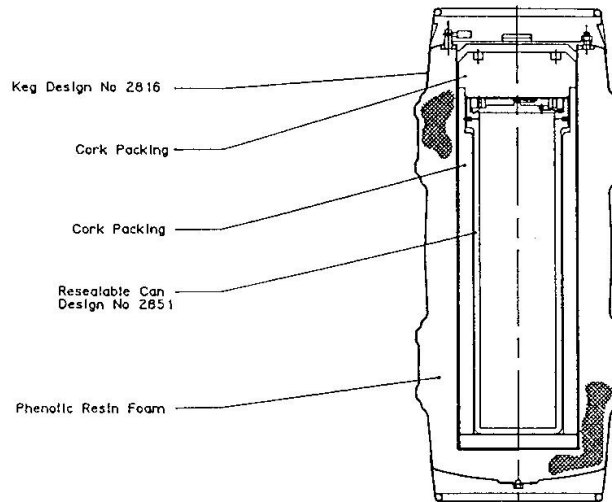
The Inner Container Design N° 2851 is a resealable stainless steel containment vessel.

Containment

The resealable Inner Container Design N° 2851 provides the containment system for the package. The lid of the container has a double 'O' ring seal with an interspace between the 'O' ring seals; the interspace facilitates leak testing to ensure that the seals achieve the prescribed levels of leaktightness.

To reduce the possibility of contaminating the resealable Inner Container, primary containers such as screw top cans or sealed capsules are normally used to carry the contents.

Section through Package Design N° 2816G



Approved Contents

Plutonium oxide powder. Other contents could be approved.

Maximum activity will depend on the nature of the contents.

Maximum heat emission of contents not to exceed 80 watts.

Physical Data

	Outer Container 2816	Inner Container 2851
External Diameter	425 mm	210 mm
External Height	1000 mm	687 mm
Internal Diameter	247 mm	157 mm
Internal Height	821 mm	645 mm
Weight	67 kg	44 kg
Total weight of packaging Design N° 2816G - 122 kg (excluding contents)		

Further Information

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