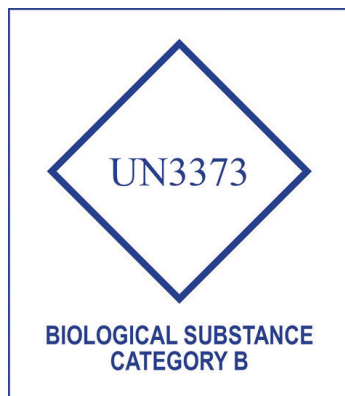


### Making UN3373 Compliance for Category B Specimens Quick, Easy and Cost Effective

#### UN3373 Biological Substance Category B

The Transport of Dangerous Goods Regulations require patient specimens and other biological samples to be transported according to UN3373 Biological Substance Category B, Packing Instruction 650. This is a list of requirements covering the quality and construction of the packaging used for transport.

Compliance to UN3373 is essential but requires multiple elements that can result in a bulky package. It can also be very time consuming to construct a correctly packaged sample.



#### 3-Layer System for Compliance

1. For road transport, UN3373 compliance requires the leak-proof primary container to be held in a secondary leak-proof container.  
  
One of these must be 95kPa compliant.
2. The secondary packaging must include enough absorbent materials to soak up all the contents should leakage occur.

When shipping multiple primaries these must be individually wrapped or separated so they do not come into contact with each other.

Either the secondary or outer packaging must be rigid to protect the primaries from damage in transit.

3. Finally the outer packaging must contain suitable cushioning material and withstand a 1.2m drop test with no damage to the primary container.

It must be clearly marked with the UN3373 diamond adjacent to the marking "BIOLOGICAL SUBSTANCE, CATEGORY B".

## SpeciSafe® : The Complete Secondary Packaging Solution

SpeciSafe® is a unique packaging concept, specifically designed to help make compliance with the UN3373 packaging instruction easy, using minimal components, and saving you time and money.

SpeciSafe packs are available in a wide range of design options covering the most commonly used 95kPa sample vessels.

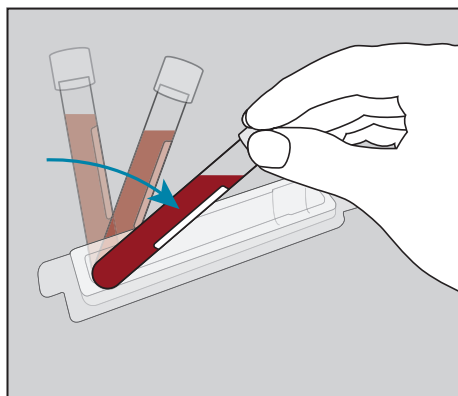
#### SpeciSafe Features Address UN3373 Requirements

- Primary 95kPa containers fit into pre-moulded positions in the SpeciSafe pack, so are readily separated from each other
- A unique ultra-absorbent bonded lining, within the SpeciSafe, provides sufficient absorbency to soak up the maximum primary container liquid volume
- The SpeciSafe provides protection and cushioning to samples
- The SpeciSafe is leak-proof when closed
- The SpeciSafe is rigid so only requires a flexible, UN3373 labelled, outer envelope for road transport

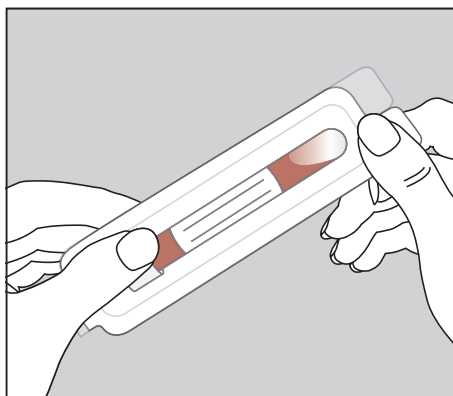


# Using SpeciSafe for Road Transport (ADR) of Biological Samples

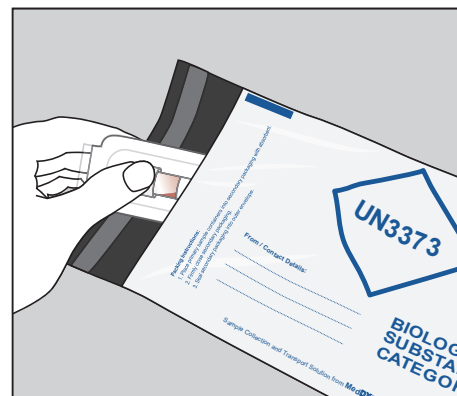
**NOTE:** FOR ROAD TRANSPORT THE PRIMARY CONTAINER MUST PASS THE 95kPa PRESSURE DIFFERENTIAL TEST AT AMBIENT TEMPERATURE.



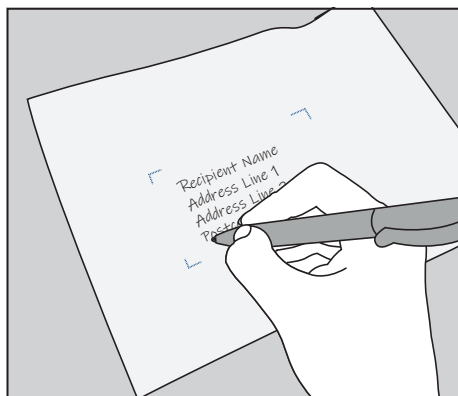
**1** Push the sample tubes into the pre-moulded shapes of the SpeciSafe pack so they are held in position.



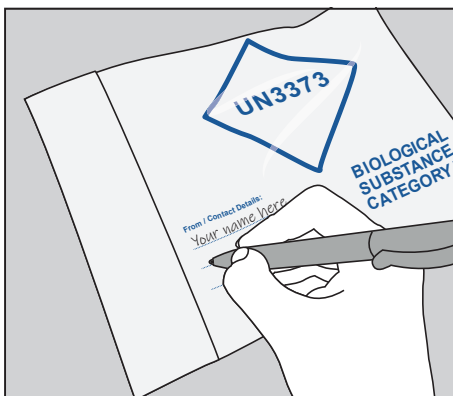
**2** Close the SpeciSafe and work around the edge pressing **firmly** to seal all around.



**3** Place the SpeciSafe into a bubble-lined or polythene envelope with compliant UN3373 labelling.



**4** Seal and address the envelope as required.



**5** Add the sender's contact information.



**6** Most SpeciSafe packs can be posted at Royal Mail large letter rate (dependent on the size of the primary container).

## SpeciSafe Delivers Further Benefits:

- It is very quick and easy to use
- The transparent front means any leakages from the primary container are easily visible
- Patient information is easily seen and can be read by barcode readers without unpacking
- Samples can be posted by Royal Mail at large letter rates, provided the primary container is less than 25mm in diameter and the sample volume does not exceed 50ml. This offers significant cost savings per package,

## Available for Commonly Used 95kPa Sample Containers

- Blood and vacutainer tubes - single, 2, 3 or 5 place packs
- Micro blood tubes and serum vials - single, 2, 3, 4, 6 or 10 place
- Universal containers - single or 3 place packs
- A single swab tube or two Bijou containers
- Large volume containers - 2 place for a combination of 40 ml and 60 ml containers or for a single 90ml container

NOTE: The maximum volume for samples sent by Royal Mail is 50ml

**NOTE:** FOR AIR TRANSPORT THE PRIMARY CONTAINER MUST PASS THE 95kPa PRESSURE DIFFERENTIAL TEST AT BOTH -40C AND +55C. OUTER PACKAGING MUST ALSO BE RIGID, INCLUDE ANY CUSHIONING TO PREVENT MOVEMENT, INCLUDE AN ITEMISED LIST OF CONTENTS AND BE LABELLED WITH BOTH THE SENDER AND RECIPIENTS CONTACT DETAILS.

**Find out more at [www.un3373.co.uk](http://www.un3373.co.uk)**

For further information or if you have any questions, please contact: