

## Packaging Selection, Marking & Consignment

1. Non –refillable Propene cylinders are to be packed 12 to a box in fibreboard boxes for distribution to hardware stores. What marks and labels should be displayed on the boxes?
2. You are asked to ship 90 kg of Azodicarbonamide formulation, Type B, Temperature controlled. When tested, the SADT for the packages used was found to be 42C.

What is the minimum number of packages required?

What information must be shown on the packages and transport document (ignore packaging approval markings or consignor/consignee information)?

3. What information must be shown on combination packages and the transport document for a shipment of 70% isopropylcumyl hydroperoxide in a Type B diluent

4. As a freight forwarder, state three reasons why you would refuse to accept the following consignment if presented for carriage by road

Package



Marks and labels found on package

 1H2/Z15/S/02/IRL 1234



UN 1687

Information on the transport document

UN 1687 SODIUM AZIDE, 6.1, II, (D/E)

2 X OT Plastic drums      Net quantity 40 kg

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7. A company received a plastic drum from Germany containing 37 litres of a dilute aqueous solution which was classified as 'Corrosive Liquid, Acidic, Inorganic, N.O.S.', UN3264, Class 8, PG III. The drum was UN tested (1H2/X108/S/10) and was contained in a 205 litre metal drum (1A2/Y1.5/110/11/D). The 205 litre drum was packed with vermiculite, an adsorbant/cushioning material. Is this shipment compliant with the regulations?

8. Can Cyclobutyl chloroformate be carried in any of the following tanks?

T4 Tank

L10CH

L4BN

T15

S4AH

L4DH

9. Can Dichlorosilane be carried in the following tanks?

P20DH

P5BH

10. A transport company is planning to start bulk transport of Bitumen with a flash point greater than 250C. Carriage will be between 100 and 200C. You are asked to advise as to what type of tanks are required, the placarding and marking of the vehicle and the product information that must be shown in the transport document.