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QUESTION 1

REQUIREMENTS.

- * THE PACKAGING MUST BE AIR TIGHT.
- * THE PACKAGING MUST BE NON-TOXIC.
- * THE PACKAGING MUST BE ABLE TO PRINT ADVERTISEMENTS I.E. PRINTABLE
- * THE PACKAGING MUST BE STRONG ENOUGH TO AVOID DAMAGE WHICH WOULD AFFECT INTEGRITY OF PRODUCT.
- * THE PACKAGING MUST BE COST EFFECTIVE / CHEAP AS MOST ARE MASS PRODUCED.
- * A RECYCLABLE MATERIAL
- * NEEDS TO BE LIGHT FOR COST + TRANSPORT PURPOSES / LOW DENSITY
- * SHOULD BE ODORLESS SO NOT TO CONTAMINATE
- * MUST BE DUCTILE

POTENTIAL MATERIAL CHOICES

- * Cardboard Packaging - THIS CHOICE IS RELATIVELY COST EFFECTIVE BUT WOULD REQUIRE A COMBINED MATERIAL I.E. PLASTIC LID. IF WATER IN CONTACT WITH WATER IT WOULD LEAD TO DAMAGE THEREFORE IS NOT A CHOICE WOULD USE - ALSO NOT VERY STRONG CARDBOARD IN NOT GOOD FOR PRINTING
- * PLASTIC - THIS CHOICE WOULD DISPLAY GOOD STRENGTH TO WITHSTAND TRANSPORT, CAN EASILY BE PACKAGED TO REMAIN AIR TIGHT IF CHOSEN WITH THE CORRECT PLASTIC LIKE HDPE IT IS WIDELY RECYCLED AND HIGHLY COST EFFECTIVE WOULD NOT REQUIRE ANY OTHER MATERIAL TO MANUFACTURE ALSO KEEPING COSTS.