

**CO**mité  
**T**echnique de  
**R**ecyclage des  
**E**mballages  
**P**lastiques

**TECHNICAL NOTICE 04-011**

REQUESTED BY: EVIAN

- *Date of request:* March 2004

DESCRIPTION OF PACKAGING:

- *Brand name:* Badoit intensément pétillante

- *Shape:* round bottle, marking 

- *Volume:* 1L and 33 cl.

MARKET:

- Home and away-from-home consumption.

MATERIALS:

- Triple-layer polyamide PET body

- Oriented PP label

- Cap: PP shell, EVA seal

- Ink for helio printing

- Glue: synthetic-base hotmelt

TECHNICAL OPINION

The transparent red packaging was assessed with respect to the coloured PET flow.

Study of the packaging's impact on the coloured PET recycling stream showed that:

- The concentration of barrier materials (polyamide) resulting from the packaging's body in the French pool does not significantly change the overall concentration observed in the coloured stream. The overall concentration does not disrupt the main recycling streams available in Europe for coloured PET packaging.
- The components of the two-part closure system are easily separated by flotation and do not impact PET recycling.
- The bottle body colouring was assessed as recommended in general notice FT20 (effect of non-opacifying colouring for PET). At the tested concentrations:
  1. The packaging does not disrupt the main recycling channel for a fibre application currently available in Europe.
  2. The packaging significantly disrupts the strapping and bottle applications; the packaging will, in these cases, be systematically removed from the recycling stream.

COTREP therefore advises adapting the packaging so that is more compatible with all recycling applications for PET bottles.

Paris, July 8<sup>th</sup>, 2004

**CO.T.R.E.P.**