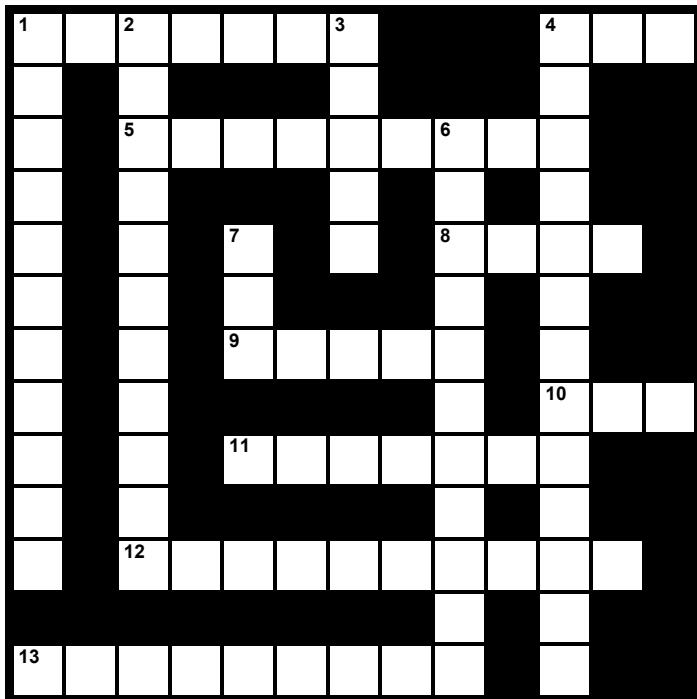


Plastics_Industry_13x13_2003-07-27

B.B. Huria



Across

- 1 Generic name for certain synthetic or semisynthetic materials that can be molded or extruded into objects or films or filaments or used for making e.g. coatings and adhesives. (7)
- 4 This plastic is mostly used to package mineral water. (3)
- 5 MSW stands for XXXXXXXX Solid Waste. (9)
- 8 A plastic used mainly for plastic retail bags and garment dry cleaning and grocery bags. Also

used in cable applications for its stable electrical properties. (4)

9 MSW stands for Municipal Solid XXXXX. (5)

10 A polymer of vinyl chloride used instead of rubber in electric cables. (3)

11 HDPE stands for HIGH XXXXXX POLYETHYLENE . (7)

12 A chemical that is added to a solution or mixture or suspension to maintain it in a stable state and render it resistant to degradation. (10)

13 The process of collecting discarded materials, processing them and converting into useful materials. (9)

Down

1 PS; A very versatile plastic that can be rigid or foamed. (11)

2 A complete depolymerization process in which ammonia reacts to break down nylon into its monomers that can then be repolymerized to make nylon in any form. (11)

3 LCA stands for Life XXXXX Assessment. (5)

4 PP; has excellent chemical resistance, is strong and has the lowest density of the plastics used in packaging. (13)

6 A process for producing a uniform particle size of plastic resins. (11)

7 Solid garbage generated from residential, commercial, institutional and industrial sources. (3)