Key Vocabulary dissolved	When a substance is mixed with a liquid and the		
aissoived	When a substance is mixed with a liquid and the substance has disappeared.	Filter	
solution	A mixture that contains two or more substances combined evenly.		
insoluble	A substance that will not dissolve.]	
filter	To remove dirt or other solids from liquids or gases. A filter can be made of paper, charcoal, or other material with tiny holes in it.		
sieve	A utensil with meshes or holes to separate finer particles from coarser ones or solids from liquids.		
evaporate	To turn from liquid into gas (vapour).		
condense	Turning water vapour or steam back into a liquid	Leo Baek	
	(water).	Leo Baekela	
melting	To change from a solid to a liquid state through heat or pressure.	February 23 chemist who his invention that does no Baekeland's shellac led t formaldehy	
reversible	Able to turn or change back.		
Irreversible	Not able to turn or change back.		
new material	When a chemical reaction takes place to create a new material.		
burning	An irreversible chemical process.	produced at pressure. Th	
rusting	An irreversible oxidation process between iron and water.	reported ea to find a me	
mixture	A substance made by combining two or more	thermosetti received ma and served a Chemical So	

materials be separated?

Filtering	Sieving	Evaporating
To remove dirt or other solids from liquids	A utensil with meshes or holes to separate finer particles from coarser ones or solids from liquids	To turn from liquid into gas (vapour)

keland

land (born November 14, 1863, Ghent, Belgium—died 3, 1944, Beacon, New York, U.S.) was a U.S. industrial ho helped found the modern plastics industry through on of Bakelite, the first thermosetting plastic (a plastic not soften when heated).

's search, begun in 1905, for a synthetic substitute for to the discovery of Bakelite, a condensation product of

yde and phenol that is at high temperature and Though the material had been arlier, Baekeland was the first nethod of forming it into the ting plastic. Baekeland nany honours for his invention as president of the American Society in 1924.



