CEMENT

VARIATIONS
Portland, Masonry, Portland Blastfurnace, Fly Ash

DESCRIPTION
Powder that hardens and binds with the introduction of water; key ingredient in concrete.

USES
Can be used as a scaled modeling material- forms can be made of plexi for a shiny finish or wood for more texture. Can also be used to model full scale details.

MANUFACTURE
Limestone is heated to 1450 degrees celsius, releasing CO2. The result is ground and combined with gypsum and small amounts of other materials. The cement industry is the second largest CO2 emitting industry behind the energy industry.

NOTABLE INGREDIENTS
Limestone, Gypsum, Quartz

DISPOSAL
Re-Use stations for unused material. Landfill for DRY waste- cured cement creates no environmental damage. DO NOT dispose in sink.

SAFETY NOTES
-If skin comes in contact with wet cement for sufficient duration, chemical burns will occur.
-Contact with the eyes should receive immediate medical attention and thorough flushing.
-Always wear a respirator while using cement; prolonged inhalation of particulate can cause disabling, and eventually permanent lung problems.