

*Now you see it,
now you don't*

Lessons from Ink





We have all heard of invisible ink. Ink that is invisible when something is written but can later be made visible.





We can make invisible ink with a $\frac{1}{4}$ cup of lemon juice and 1 tablespoon of water.

Mix the lemon juice and the water and use a Q-Tip to write your message.





After you write the message, heating the paper will make the message appear as the heat will cause the lemon juice to oxidize and turn brown revealing your message.





*But what about making visible ink become
invisible?*





Special experiment now please :)



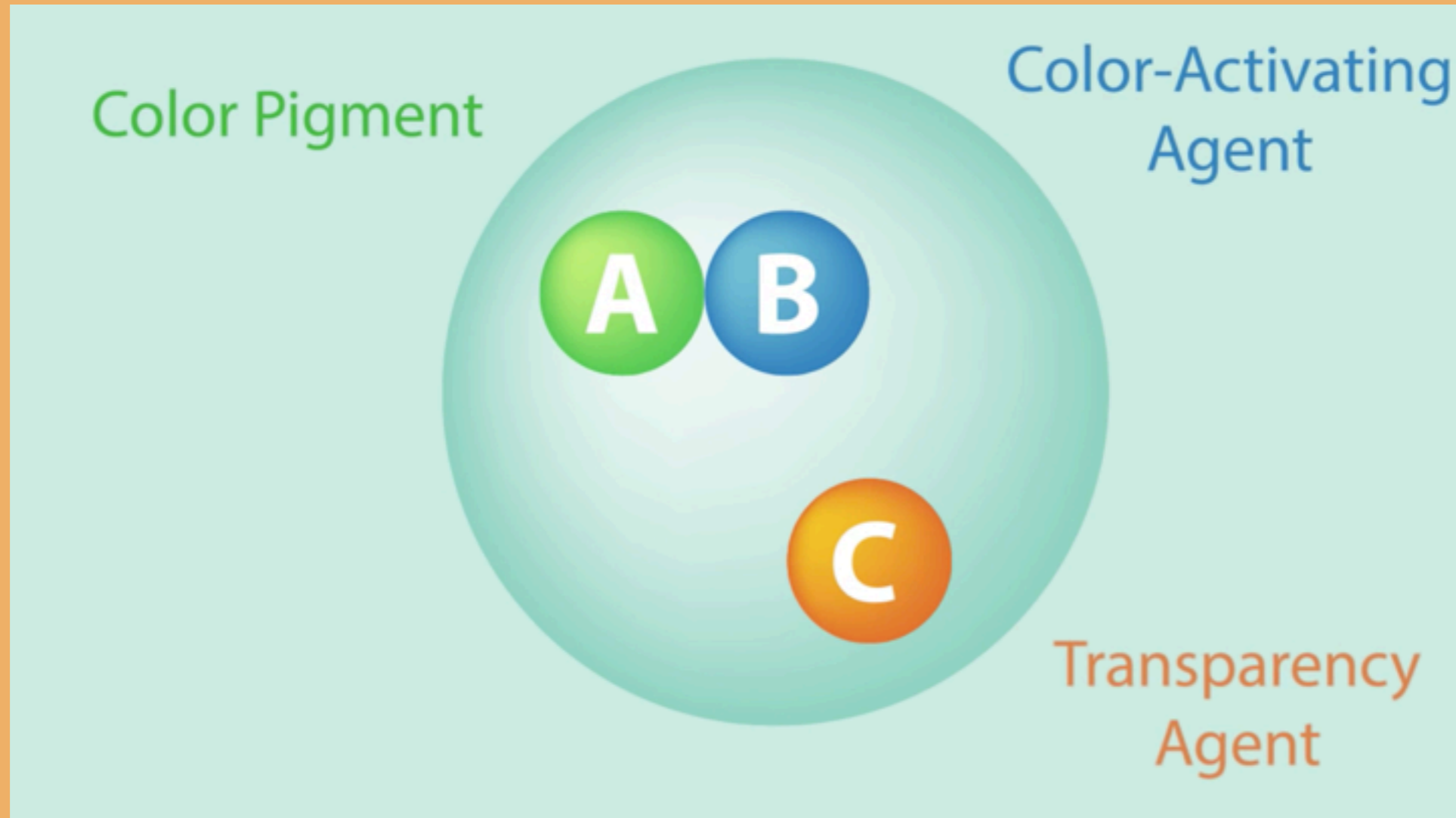


The Frixion pen uses a special thermochromatic ink which is temperature sensitive.





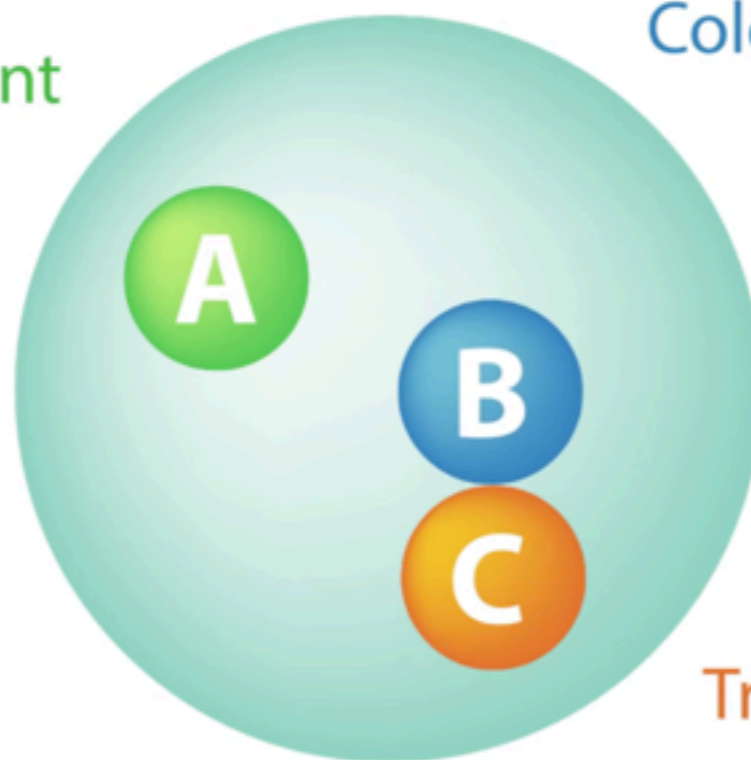
This ink is made up of three parts:





Color Pigment

Color-Activating Agent



Transparency Agent

Heat From Friction **>60°C**





Color Pigment

Color-Activating Agent



Transparency Agent





*Sometimes we think we can hide things we do or
say from others and worse, we may think that
God does not see or hear us.*

But all we do is open to God.





Some men's sins are open beforehand, going before to judgment; and some men they follow after. (1 Timothy 5:24)





*In the day when God shall judge the secrets of
men by Jesus Christ according to my gospel.
(Romans 2:16)*





*Let us hear the conclusion of the whole matter:
Fear God, and keep his commandments: for this
is the whole duty of man. For God shall bring
every work into judgment, with every secret thing,
whether it be good, or whether it be evil.*

(Ecclesiastes. 12:13, 14)

