Anti graffiti coating from potato starch

Crop	Potato *Solanum tuberosum*
Croppart	Roots / Tubers
Application area	Materials
Status	Commercial stage
Public availability	Public
Relevant plant compounds	Starch

Description

A known product that can be obtained from potatoes is potato starch. This fine, dried white powder is useful in cooking as a flavor enhancer and thickener.
It is virtually unknown that the group to which potato starch belongs (namely the polysaccharides) in certain combinations forms a synergism so that a clear, virtually insoluble dry coating can be made. This is the basis of the PSS-20 anti vandal coating: Made of water and starch and marketed by Gevelmeesters.

Used conversion methods

Mechanical-Physical processes

Extraction

Chemical processes

Pulping

Thermochemical processes

Hydrothermal upgrading

Hydrogenation

Resources

https://www.gevelmeesters.nl Initiative website