

Indianapolis Museum of Art – Material Analysis Sheet

Material:

Fome-Cor Gatorboard

Oddy:

Temporary to Fail

N = 3; measured 3/2016 to 7/2016

Polystyrene



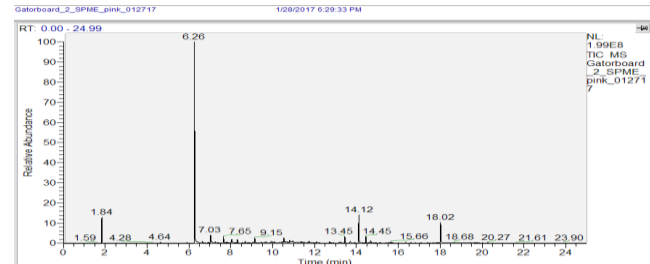
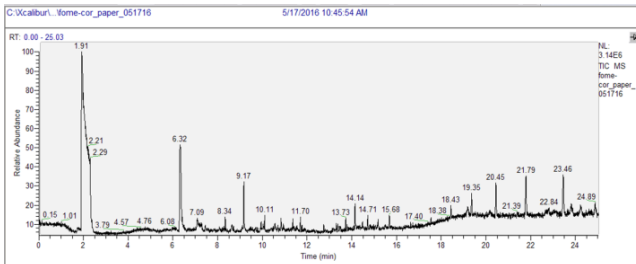
Notes: Lead has white crystals near the top of coupon.
Silver coupon showed a slight yellow coloration.

Evolved-Gas Analysis:

EGA reveals the presence of iso-pentane, a blowing agent, at 1.92, a styrene monomer at 6.32, a styrene dimer at 14.14, and long chain hydrocarbons, likely due to the adhesive used with the paper backing, between 19 and 25.

SPME Analysis:

SPME shows carbon monoxide at 1.84, styrene at 6.26, and a styrene dimer at 14.12



Microchemical Tests:

Azide: **P**

Chromatropic Acid: **P**

Iodide/Iodate: **P**