

Per-Forming Clouds Workshop

with Clemens Winkler

04.-05.01.2018

at Textil- und Flächen-Design, Weissensee Kunsthochschule Berlin



1. BRAUNALGEN (JUN) MATERIAL, DAS IN VERPACKUNGSINDUSTRIE IST...

ÖKOLOGIE / NATUR / WASSER / (LEBENS) KULTUR: ALGINAT (ESSENZ / WEIßKÄSE) (FUNKTIONSWEISE) (WEIßKÄSE)



SKALIERUNG

ZEIT: 1-2 JAHRE LEBENSZEIT WENN FEUCHT

ERSATZ FÜR KUNSTSTOFFE (VERPACKUNG, LEBEREIERE, AUS ALGINAT, ZUSATZ (KUNSTSTOFFE))

VERPACKEN (LEBENSMITTEL / BEHEIMATET) VERPACKUNG VON LEBENSWEITNUTZUNG

WASSERSTAUER MIT WÄRMEDÄMMENDE BEHEIMATET 5 JAHRE

WÄRMETAUSCHER

ZEIT:

BIRKENRINDE

ÖKOLOGIE: SCHNITZFORMEN (NACH DEM BEWERTEN) (NACH DEM BEWERTEN)

KULTUR: BIERER, BEWEIN, (KÄSE, ALGINAT, WEIßKÄSE) (KÄSE, ALGINAT, WEIßKÄSE)

ZEIT: ANPASSUNG VON QUARTER

BEWEINER (IM HAUSE) (IM HAUSE) (IM HAUSE)

LEBENSZEIT (IM HAUSE) (IM HAUSE) (IM HAUSE)

VERPACKUNG (IM HAUSE) (IM HAUSE) (IM HAUSE)

ERLEBISSEN

LEBENSZEIT (IM HAUSE) (IM HAUSE) (IM HAUSE)



Brief:

Our need to address material events into larger contexts, might it be technological or social, is growing in order to create an awareness of such and find ways of dealing within.

This workshop aims at material experimentation on natural phenomena as a design practice and gives you methodologically a perspective on practice-based reasoning in complex frameworks.

We will mainly be working with different qualities of water vapour, such as its condensation behaviour and its ability to carry flavour or propagate sound. We will use anything and everything at our disposal, as long as it's not our computer.

Exercise 1 – Water:

First of all, we are taking a phenomenological approach on evaporating, pouring and freezing water to observe its qualities differently – boiling and condensation, dropping sounds, windy noise amongst others. Therefore three metal sheets will be installed, one at $>200^{\circ}\text{C}$, 25°C , $<-30^{\circ}\text{C}$ as reaction platforms for water droplets. Additionally, a diagram will help us to classify our results.

Water – What do we see?

We will observe the material qualitatively (describing its qualities through our senses) and measure it quantitatively (thermostat,..). This results in decision-making processes on further tools and materials to design with, such as hammering, carving frozen water or trying to catch water mist in a bag)

Water – What do we think of?

We can think of different contexts on different time and spatial scales (microscale, human scale, social scale, ecological scale)

Exercise 2:

Furthermore, we are investigating in water with heating systems inside hermetic containers. While diving into the four different scales, we have discussed, water vapor becomes a coating agent on receptive micro-surface structures, a carrier for various flavors in a culinary event, a framework for social interactions or simulator for weather forecasting.

The generated gaseous material imposes its own rules while being designed to study supposedly well-known processes through heating up, cooling down, waiting, heating again and so on. Therefore, observe patiently the interactions of water and the environment already happening without your interventions.

You can work in groups.

Also, add additional materials if needed to create an atmosphere on the scale of your choice. Take pictures and videos of the highly ephemeral moments and try to write on the protocol sheets, what you have used. The given tools should be seen as a proposal and so you are invited to tweak it!

On Micro Scale



IKAT

PERFORMATIVE
CHARAKTERISTIC

ALGEN

LUFT TROCKEN

GLYCERIN - H₂O -
ABWÄSEN

SCHIMMEL

MATERIAL → VERBREMUNG
SCHLEIM, REIZ

SABA PAPIER

VERKÜRZTE
SCHNECKEN-Form

SCHLEIM (POLYMER)





"The Kofffliesler, which lives in dark ocean depths, has a series of glands, by means of which he responds and reacts to its environment. One of them is called the diverticulum, a sack which serves to fuel septa into its surroundings, and then escape into its shadow. This "cloud floating in the water" serves not only the misloading of enzymes. One has observed that species related to the Vampirovicia "modulated a septa cloud with their tentacles to copy their own body outlines", whereby the parasiticide should keep the cloud for the body of the octopus, which gives him the time to escape."

(Flusser, Vampirovicia Infernalis, 1993)

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Additional color:

Methods/ Recipes: ... KUGEL ...

Atmospherical Qualities: ... flüchtige ...



Experiment No. 2

Scale: ... On the Surface

Additional Tools/ Ingredients: ...
Methods/ Recipes: ...

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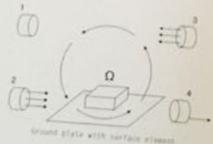


Diagram describing different flow of quality through connectors (1) and (4) and their cycle can be restituted, dry, colored.



Experiment No.

Scale: ... On the Surface

Additional Tools/ Ingredients: (like moisturizers, absorbent paper, color pigments)

Methods/ Recipes:

Atmospherical Qualities:

Wunderkammer for Arising Matter

Practice-led Laboratory for Curious Material's

PER FORMING CLOUDS



Additional Tools/ Ingredients: (like moisturizers, absorbent paper, color pigments)

Methods/ Recipes: VENEER & ELASTIC TEXT, SILICONE

ATFERWARD, WEITING THE VENEER STEERING IT

Atmospherical Qualities: MOVEMENT AFTER DEVELOPE

On Human Scale





On Social Scale











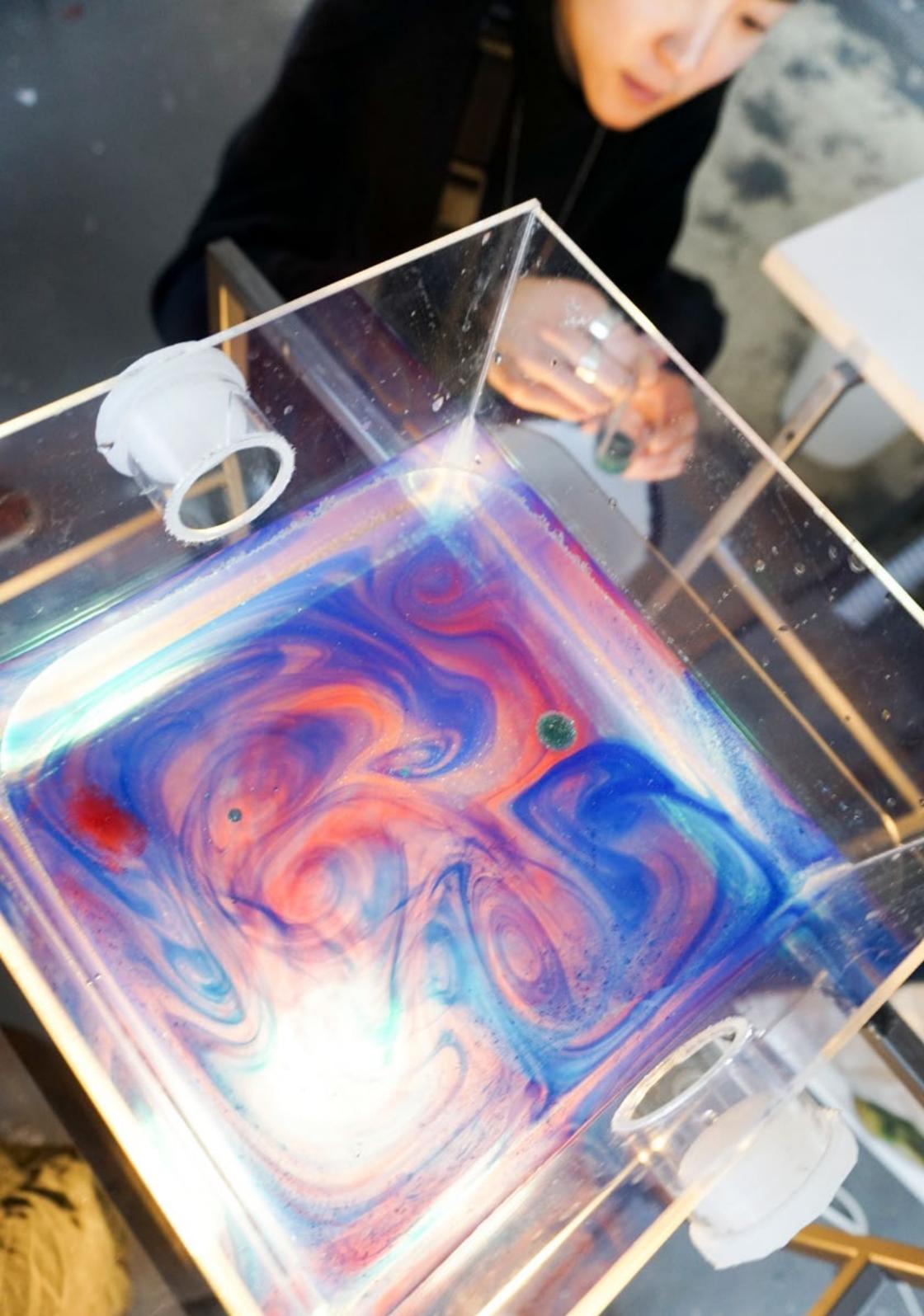
Emu

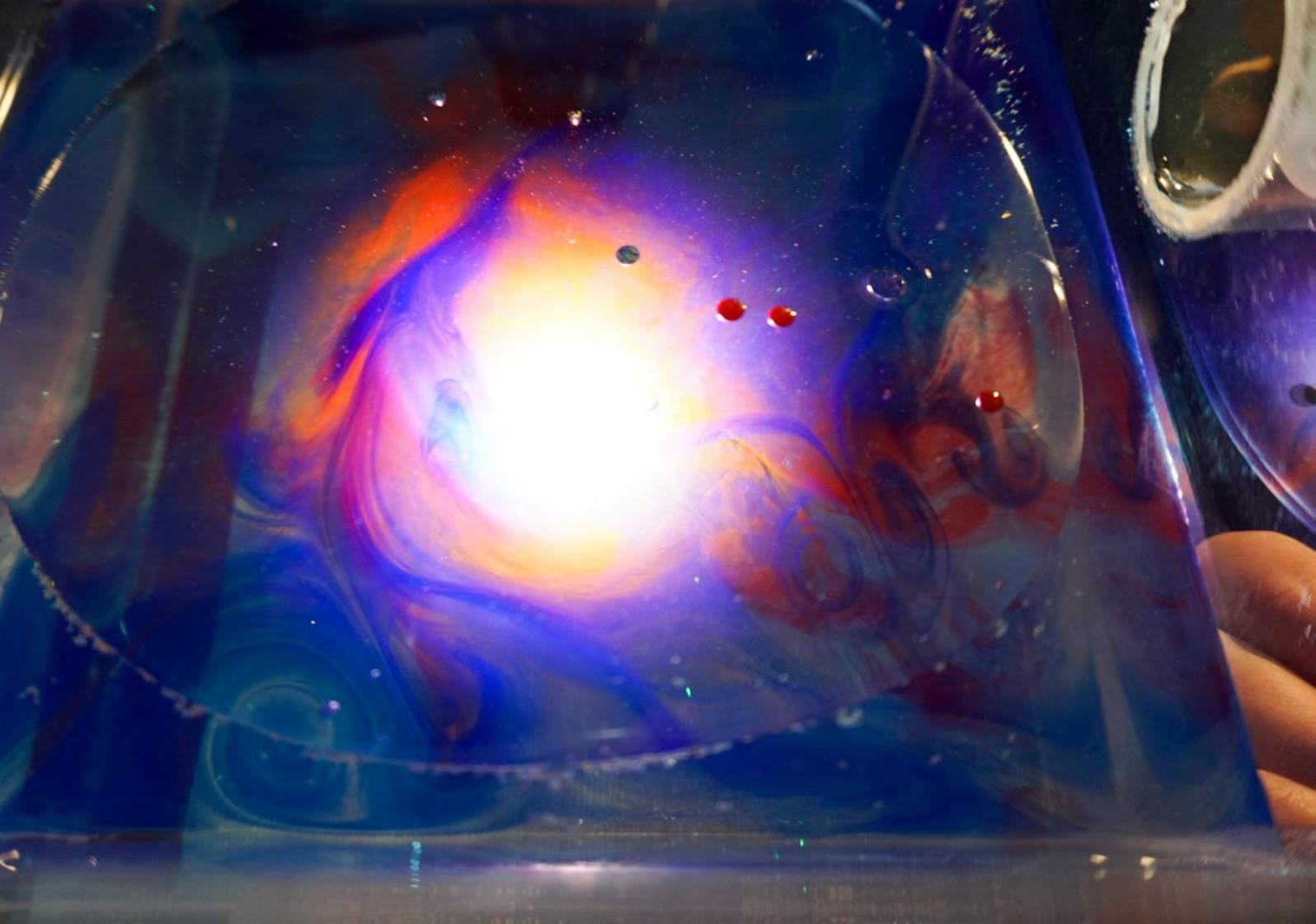


On Ecological Scale









Protocol Sheets

On Micro Scale

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Experiment No.: 2

Scale: *On the Surface*

Additional Tools/ Ingredients: (like moisturizers, absorbent paper, color pigments) *Braunwalge*

Methods/ Recipes: *Wasserdampf*

Atmospherical Qualities: *geschmeidig machen / flexibilisieren, glibschig, Volumen vergrößernd*

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Experiment No.: ... 1

Scale: On the Surface

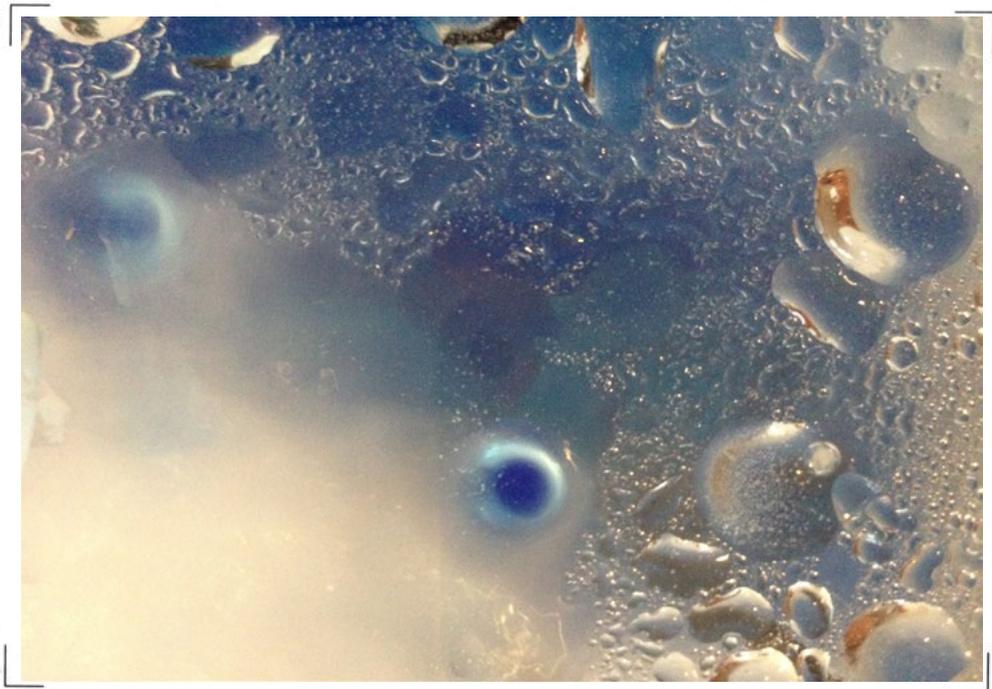
Additional Tools/ Ingredients: (like moisturizers, absorbent paper, color pigments) Birkenrinde

Methods/ Recipes: Wasserdampf (kalt) → keine
Veränderung (warm/hieß) Rinde verformt sich

Atmospherical Qualities: ... flexibel machen, verformen

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Experiment No.: 3

Scale: On the Surface

Additional Tools/ Ingredients: (like moisturizers, absorbent paper, color pigments) .. Farbpigment blau; Wasserdeuff

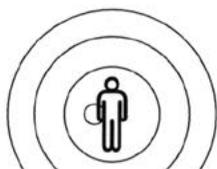
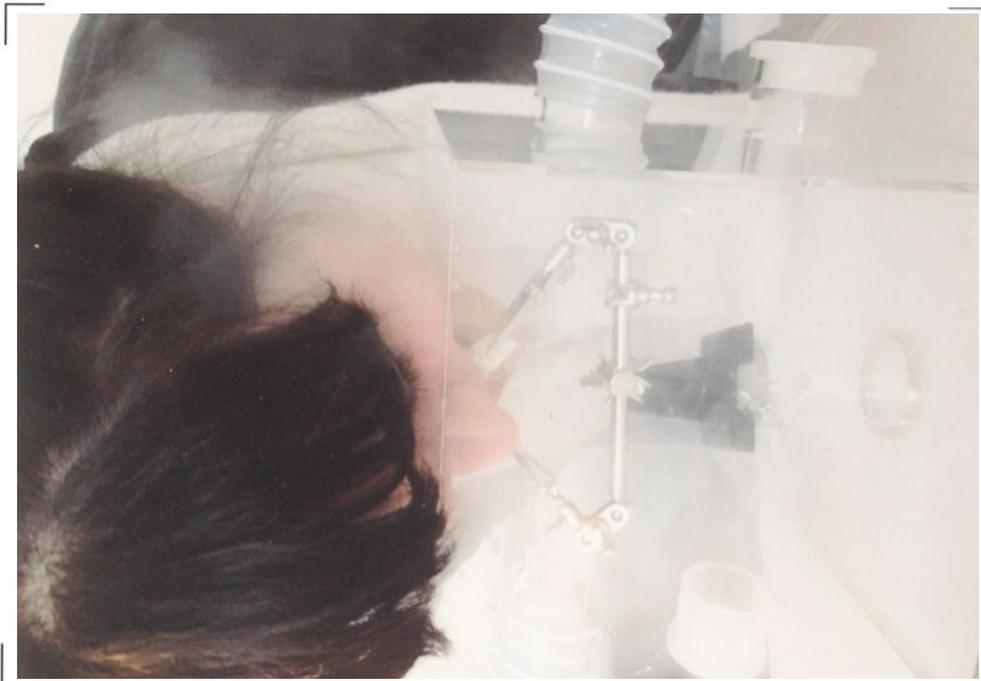
Methods/ Recipes: .. Erhitzen des Wassers

Atmospherical Qualities: tropfenförmiger Rückstau auf Plastikbehälter

On Human Scale

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Experiment No.: 2

Scale: *On Human Scale*

Additional Tools/ Ingredients: (*like moisturizers, spritts, vegetables*) wasser

Methods/ Recipes: wasser, curry, knoblauch, swiebeln

Atmospherical Qualities: Food experience, curry air, ~~not~~ smell and taste / bitter Mandel

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Experiment No. ... Wein Neben

Scale: .. 2 .. On Human Scale Senses

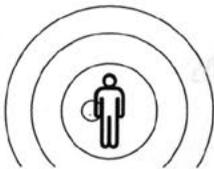
Additional Tools/ Ingredients: (like moisturizers, spritis, vegetables) .. Wein .. und .. Wasser

Methods/ Recipes: .. brot .. fenichel .. citrone .. heidelbeeren ..
.. pitzen

Atmospherical Qualities: .. deller

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Experiment No.: ... WASSER NEBEL

Scale: ..2.. On Human Scale

Additional Tools/ Ingredients: (like moisturizers, spritis, vegetables) ..WASSER, BITTERMАНDEL ÖL

Methods/ Recipes:

Atmospherical Qualities: ..therapeutisch, ..smell./duft /aromatisch

On Social Scale

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Experiment No.: 3

Scale: On the Social Scale

Additional Tools/ Ingredients: (like air pump, soap, e-cigarette). plastic sheet .. ~~plastic soap~~ + air pump, soap, diffuser, pipe tube

Methods/ Recipes: Bubbles and steam contained inside the box (with help of a plastic sheet.); hole in the plastic; ~~temperature~~

Atmospherical Qualities: The bubbles are hard to contain they find an exit way, they push to go out and force their barriers

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Experiment No.: 2,0

Scale: On the Social Scale

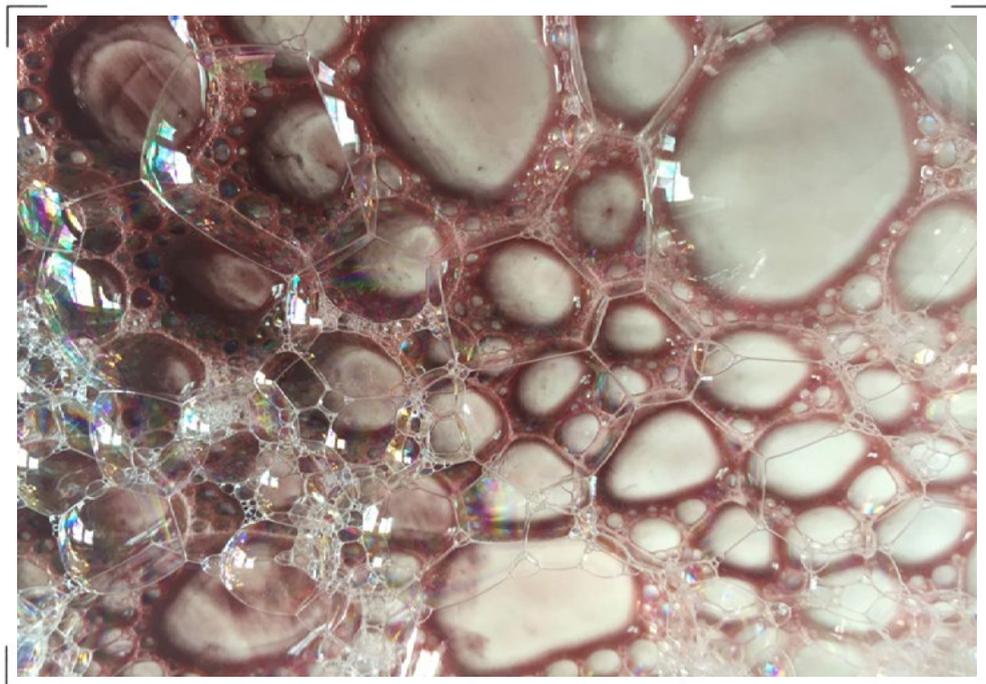
Additional Tools/ Ingredients: (like air pump, soap, e-cigarette), plastic sheeting, eisenoxide pigment, tubes
2 plastic cups, tape, spüli

Methods/ Recipes: Bk. bubbles in box with plastic, the pigment should be in bubbles

Atmospherical Qualities: living qualities like a lung
- breath gives it a living quality - reacts to our body
pigments looks like vons collecting on surface

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Experiment No.: ... 2.2

Scale: On the Social Scale

Additional Tools/ Ingredients: (like air pump, soap, e-cigarette) spili, water, eisenoxide pigment, tube

Methods/ Recipes: blow bubbles with all ingredients & and pick up big pile of bubbles & place on surface

Atmospherical Qualities: The pigments creates lots of lots of little boundaries

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Experiment No.: 7

Scale: *On the Social Scale*

Additional Tools/ Ingredients: *(like air pump, soap, e-cigarette). hand + pigment + foam*

Methods/ Recipes: *moving the coloured bubbles on the paper*

Atmospherical Qualities: *interaction with the body the pigment is transported into the hand*

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Experiment No.: 7

Scale: On the Social Scale

Additional Tools/ Ingredients: (like air pump, soap, e-cigarette). diffuser, tube, spili, hand, ~~water~~

Methods/ Recipes: Blow up as many bubbles as possible divide w/ Hand, diffuser

Atmospherical Qualities: Hand divides bubbles & releases gas/water steam, bubble fly away from my touch and in turn release a gas

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Experiment No... 4

Scale: On the Social Scale

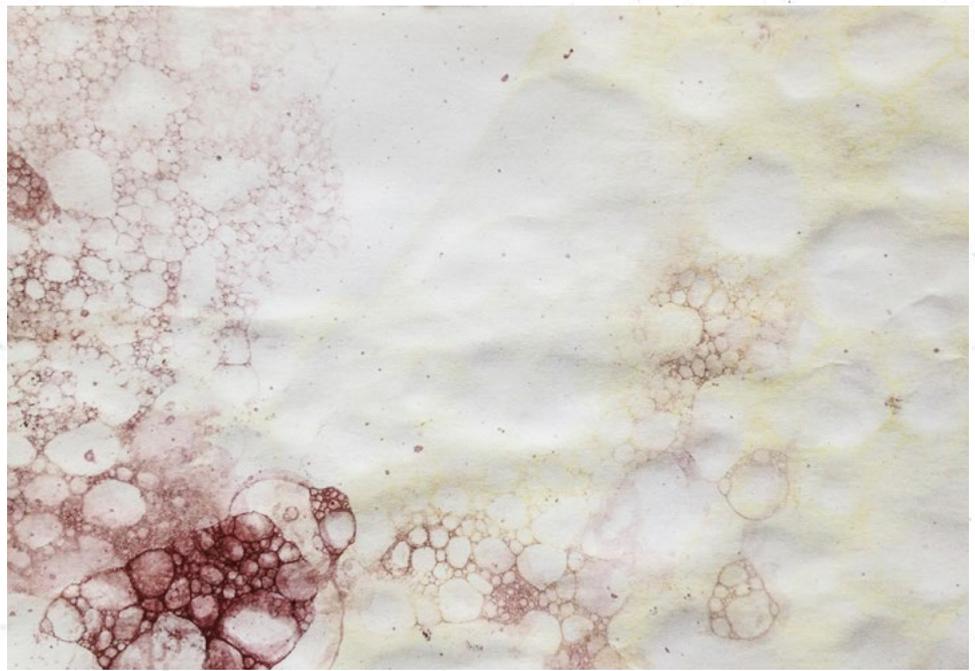
Additional Tools/ Ingredients: (like air pump, soap, e-cigarette). Sound recorder. + air pump, soap, diffuser, pipe tube

Methods/ Recipes: Record of different sounds coming from blowing bubbles.....

Atmospherical Qualities: The sound transports different atmospheres, different feelings: from calm to anxiety (stress). inducing sound.....

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Experiment No.:

Social Scale

Scale: On the Ecological Scale

Additional Tools/ Ingredients: (salt, water, food coloring, pipettes). *metal mesh, pigment, paper, spili, tube*

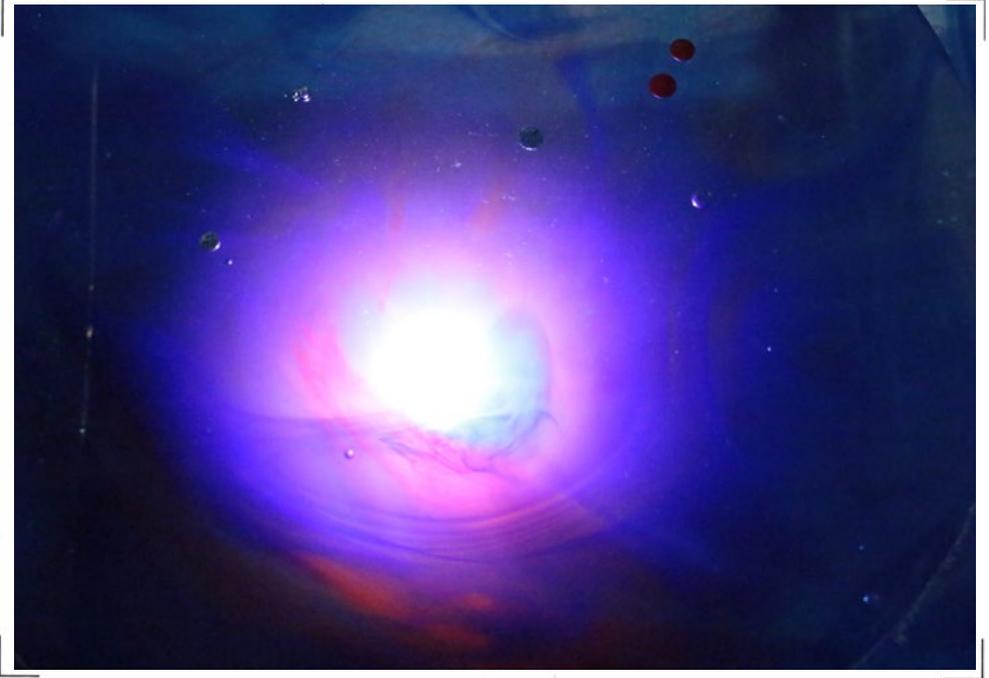
Methods/ Recipes: *Blow bubbles with different pigments*

Atmospherical Qualities: *Depth, organiz. VS regular pattern from metal mesh,*

On Ecological Scale

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PER-FORMING CLOUDS



Experiment No.: 2

Scale: *On the Ecological Scale*

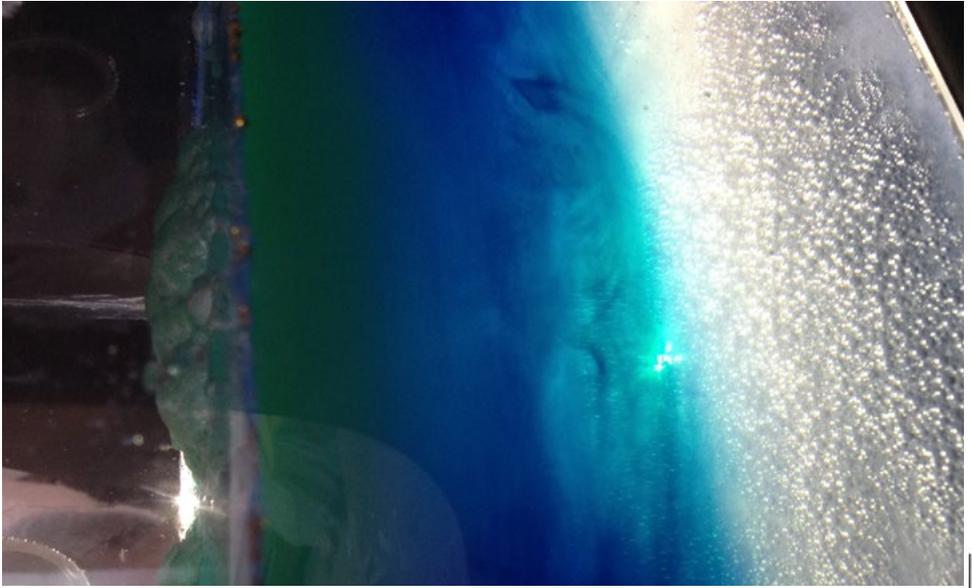
Additional Tools/ Ingredients: (salt, water, food coloring/ pigment, pipettes) + Öl + Glitzerpulver

Methods/ Recipes: Öl in Süßwasser, dann Wasser mit Pigment blau in Süßwasser, dann Wasser rot in Salzwasser + Glitzer

Atmospherical Qualities: Universum, Licht als Sonne, Ölblasen als Planeten

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Experiment No.: 1.....

Scale: *On the Ecological Scale*

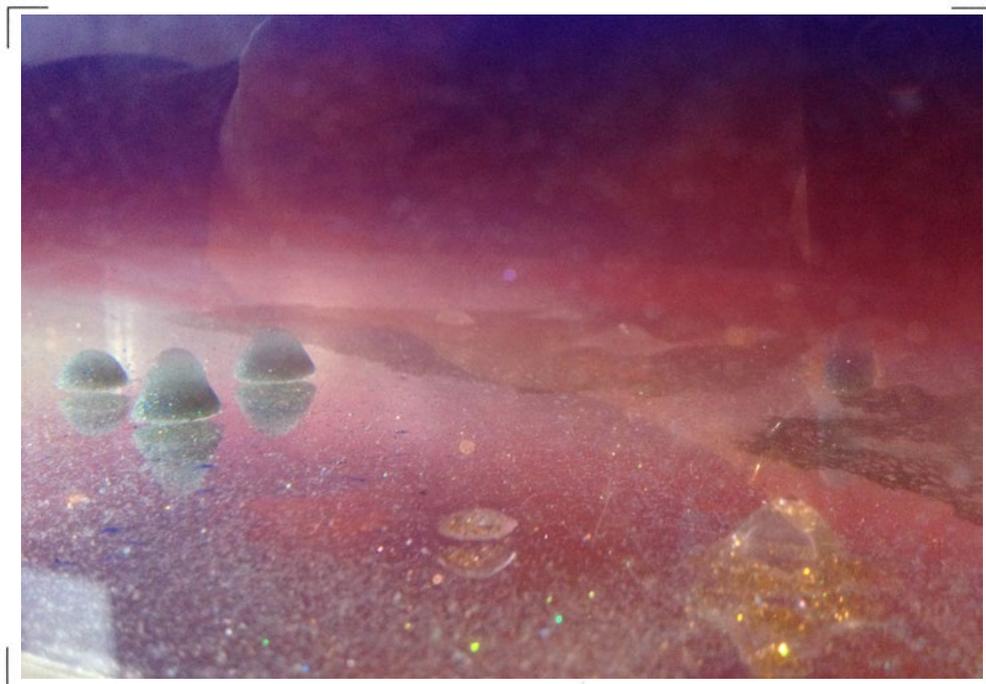
Additional Tools/ Ingredients: (salt, water, food coloring, pipettes). GLAZE Pulver, 1/2 RAUSETABLETTEN.....

Methods/ Recipes: 100g Süßwasser
10g Salzwasser mit Farbspiel, Vitamin C-
Pulver reingestreut, Blasen am Boden und oben..

Atmospherical Qualities: Ozeane in der MILCHSTRAßE.
ETWAS TIGES WASSERMOOS.....

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Experiment No.: 2,2

Scale: On the Ecological Scale

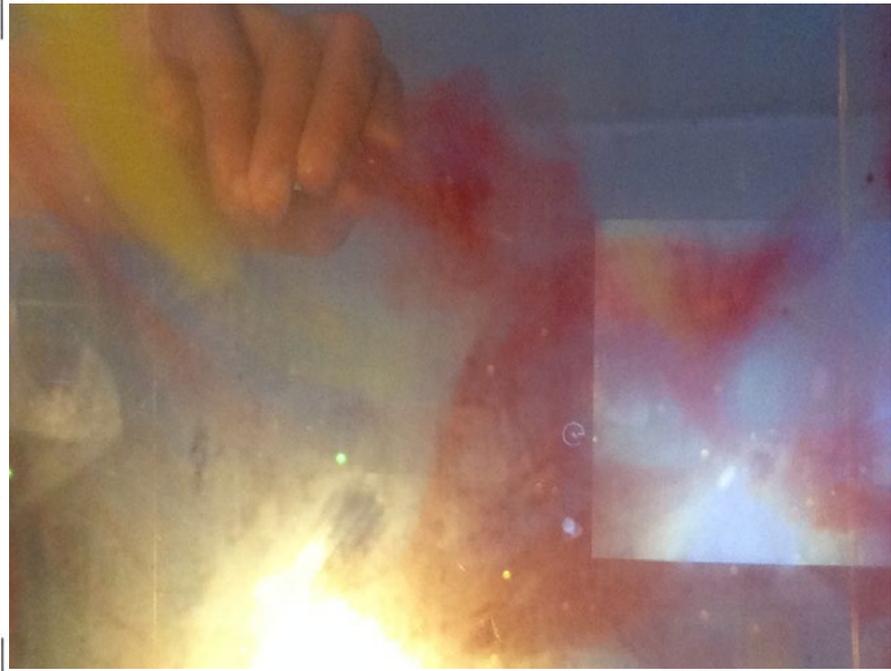
Additional Tools/ Ingredients: (salt, water, food coloring, pipettes) / Öl + Glitzerpulver / pigment

Methods/ Recipes: Öl + Glitzer mit Pipette in unterste Schicht explosionsartig gespritzt

Atmospherical Qualities: Marslandschaft mit Glitzerbergen / GLITZER HASSEL IN ZEITLUPE

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Experiment No.: ... 4

Scale: On ^{Ecological} Human Scale

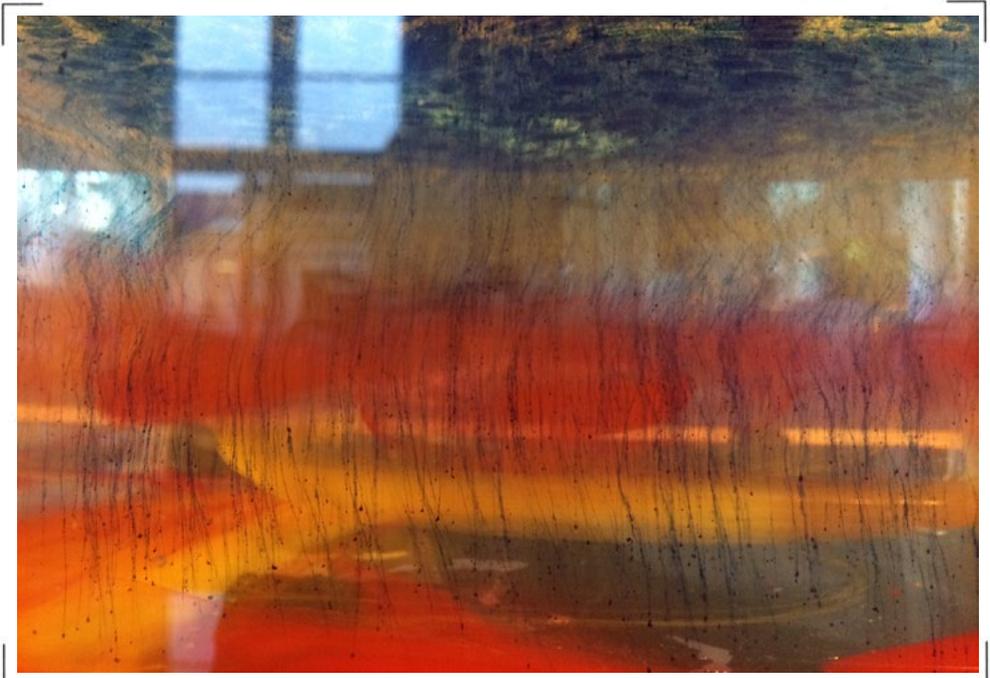
Additional Tools/ Ingredients: (like moisturizers, spritts, vegetables) Pigment R.G.B

Methods/ Recipes: Pigmente vermischt
→ Grün wahren; FINGRIFF
Foto → Spiegelbild

Atmospherical Qualities: ... Grenzen verschmieren, ökolog.
Fußabdrücke d. Menschen

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Experiment No.: ... 2

Scale: On the Social Scale

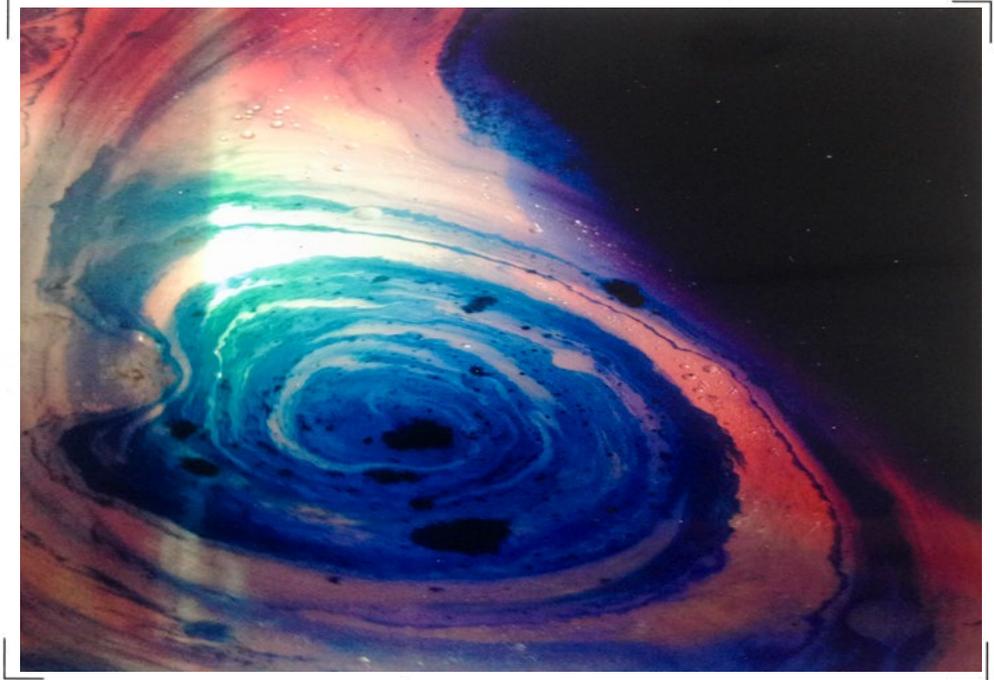
Additional Tools/ Ingredients: (like air pump, soap, e-cigarette). Pigment, Lebensmittelfarbe in Wasser gelöst, Öl,

Methods/ Recipes:

Atmospherical Qualities: fadenförmig, von oben nach unten fallen und sich auf Boden setzen

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Experiment No.: 5

Scale: Ecological Scale
On the ~~Surface~~

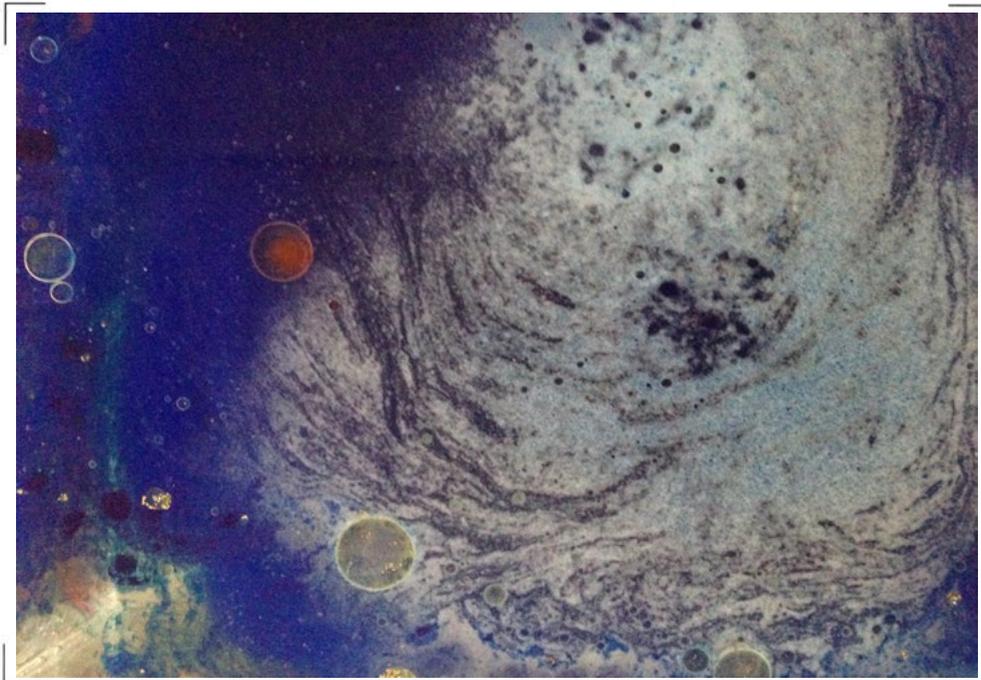
Additional Tools/ Ingredients: (like moisturizers, absorbent paper, color pigments) Pigment, Spiritus, Öl

Methods/ Recipes: Pigment aus Abstand kappen

Atmospherical Qualities: Zirkulation

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Experiment No.: 3

Scale: On ^{Ecological} ~~Human~~ Scale

Additional Tools/ Ingredients: (like moisturizers, spritits, vegetables) Pigment, Spül-, Öl

Methods/ Recipes: Pigment mit Pipette in Ölbase geklopft

Atmospherical Qualities: Galaxie

