

INFORMATION:

novokit® DEMO is a demonstration kit created to show the efficacy of the combined use of **novok-pow®** and **novok®-s** in case of accidental formalin spill.

CONTENT:

novokit® DEMO is packed in a cardboard box.
The box contains:

- 1 cube made of methacrylate
- 1 plate made of methacrylate
- 1 VOC detector (model: TROTEC BQ16)
- 1 container rack made of methacrylate
- 1 500 ml **novok®-s**
- 1 100 g **novok-pow®**
- 10 5 ml FORMALeasy®

MODE OF USE

Take the plate and place it on a flat surface. Make sure that there is enough space on the surface to be able to cover the plate with the cube in a second moment.

Take a FORMALeasy® container, remove the transparent film and the green cap, then pour the content on the plate, simulating a spill (caution: FORMALeasy® contains formalin and has to be handled carefully). Place the container rack over the plate. Switch on the TROTEC BQ16 detector, by pushing the on/off button in the centre. This operation switches on the crystal liquid display and activates a countdown, indicating the airborne formaldehyde level as well. The detector can now be used. Place the detector on the rack so that it is stable and cover everything with the cube. Wait for the countdown to finish and write down the detected data. Remove the cube, the detector and the rack. Switch off the TROTEC detector. Take the **novok-pow®** container and spread the powder over the spilled formalin, starting from the outside and proceeding in concentric circles towards the centre of the spillage, making sure to cover it completely. Once the liquid is thickened and transformed into a translucent gel, spread the powder again until the surface is completely covered with it. Spray **novok®-s** on the spread powder, making sure to cover each area multiple times. Place the rack back over the plate and switch on the detector again. Place the detector on the rack and cover everything with the cube. During the countdown, check the display to see that the airborne formaldehyde concentration level goes to zero. This demonstration shows that the use of **novok-pow®** in combination with **novok®-s** eliminates formaldehyde vapours, allowing operators to safely remove the spill without coming into contact with the dangerous substance.

Clean everything up with an adequate cloth (not provided). Clean the plate by spraying **novok®-s** again if necessary, so to reach decontamination. Dispose of the residual, the cloth and the FORMALeasy® following current regulations.

You can watch a video of the whole operation on:

www.novok.it

NOVOK®-S:

INFORMATION:

novok®-s drastically reduces the presence of formaldehyde in the air.

novok®-s has an oxidizing power on formaldehyde and the common contaminants called VOCs. Sprayed onto surfaces, it interacts with the compounds that generate volatile formaldehyde, destroying its molecules. It was created to be used in combination with the product **novok-pow®**.

CONTENT:

electrolytic oxidizing solution.

WARNINGS:

only use **novok®-s** in case of formalin spillages. Only use in combination with the **novok-pow®** powder. Any other use is inadvisable. **DO NOT USE IN COMBINATION WITH OTHER PRODUCTS.**

After removing the powder, the surface might remain slightly contaminated with slippery residual gel. Before performing any other operation in the affected area, make sure that the contaminated surface is clean again. If necessary, use **novok®-s** again. Do not eat or drink in the affected area during this operation. Use nitrile gloves.

PLEASE NOTE: the product may stain and discolor fabrics. Carefully read the instructions prior to use. It causes skin irritation. It causes serious eye irritation. Wash carefully after use. Wear protective gloves/clothes. Protect the eyes/the face. **In case of contact with the skin:** rinse abundantly with water. **In case of contact with the eyes:** rinse abundantly with water for several minutes. Remove contact lenses, if easy to do. Keep rinsing afterwards. **In case of skin irritation:** consult a doctor. If eye irritation persists, consult a doctor.

Do not expose the product to temperatures higher than 30°C or to direct sunlight. Do not shake.

Chemical and physical properties

State: liquid

Color: yellow

Odor: peculiar

PH: 10.2

Freezing point °C:

Boiling point °C: 104°

Flammability point °C: not flammable (>60°C)

Ignition point °C: not applicable

Auto-ignition: no

Lower explosion limit: not applicable

Higher explosion limit: not applicable

Density at 20°C: 1034 kg/m³



WARNING

STORAGE:

Do not store at temperatures higher than 30° C. Keep the product in a cool and dry place. Avoid direct exposure to sunlight. Do not shake.

EXPIRY DATE:

The effectiveness of the product is guaranteed for 24 months after the bottling date indicated on the label. Refer to the expiry date indicated on the label.

DISPOSAL:

Dispose of the product following current regulations. Separate the vaporizer from the container and dispose of them separately. Recycle the plastic if possible. Do not dispose of the product into the environment.

NOVOK-POW®:

INFORMATION:

novok-pow® is a highly absorbent polymeric powder. When coming into contact with liquids, it rapidly inflates, making them easy to remove. Used for thickening and absorbing accidental spillages of formalin. Used in combination with the **novok®-s** solution, it reduces the emissions released by formalin spillages and VOCs, maintaining the vapor concentration levels below the occupational exposure limits indicated by S.C.O.E.L. (1) and A.C.G.I.H.(2)/A.I.D.I.I.(3).

(1) Scientific Committee on Occupational Exposure Limits - (2) American Conference of Governmental Industrial Hygienists - (3) Associazione Italiana degli Igienisti Industriali

CONTENT:

novok-pow® 100 - 100g of polymeric powder, capable of absorbing small spills (up to 60ml), for multiple times. For bigger spills, more powder might be necessary.

novok-pow® 400 - 400g of polymeric powder, capable of absorbing up to 2.5 litres of spilled formalin.

WARNINGS:

only use **novok-pow®** in case of formalin spillages. Only use in combination with the **novok®-s** solution. Any other use is inadvisable. **DO NOT USE IN COMBINATION WITH OTHER PRODUCTS.**

After removing the powder, the surface might remain slightly contaminated with slippery residual gel. Before performing any other operation in the affected area, make sure that the contaminated surface is clean again. If necessary, use **novok®-s** again. Do not eat or drink in the affected area during this operation. Use nitrile gloves.

PLEASE NOTE:

Inhalation: ventilate the affected area. Remove victim to fresh air. In case of discomfort, consult a doctor.

Contact with the eyes: it can cause irritation. Rinse abundantly with water for at least 15 minutes.

Contact with the skin: wash abundantly with water and soap.

Ingestion: do not ingest. The ingested product can cause irritation of the oral mucous membranes and of the digestive tract, with consequent irregular digestive symptoms and intestinal disorders. Do not induce vomiting. Rinse mouth. No particular hazard requiring special first aid measures can occur. Active carbon in water or medicinal mineral vaseline oil can be administered.

Chemical and physical properties

State: solid, granular, from grey to light brown

Odor: not determined

PH: 5-8 @ 5g/l

Melting point: > 150°C

Boiling point: not determined

Flammability point °C: no explosive atmospheres are expected

Relative density: 0.6 - 0.9

Auto-ignition temperature: not applicable

Decomposition temperature: > 150°C

Explosive property: no explosive atmospheres are expected

Oxidizing properties: not oxidizing

STORAGE:

Keep the original container well closed. Do not store in open or unlabeled containers. Keep the containers in a vertical and safe position, preventing it from falling and breaking. Keep the product in a cool and dry place, far from heat sources. Avoid any direct exposure to sunlight.

EXPIRY DATE:

The effectiveness of the product is guaranteed for 24 months after the date of production indicated on the label. Refer to the expiry date indicated on the label.

STORAGE:

Keep in a cool and dry place, far from any source of heat. Do not expose to direct sunlight. Avoid any hits and falls.

EXPIRY DATE:

The effectiveness of the product is guaranteed for 24 months after the date of production indicated on the label. Refer to the expiry date indicated on the label.

DISPOSAL:

Dispose of the product following current regulations. Read carefully these instructions of use. Do not dispose of the product into the environment.



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