

FACOT CHEMICALS S.n.c.

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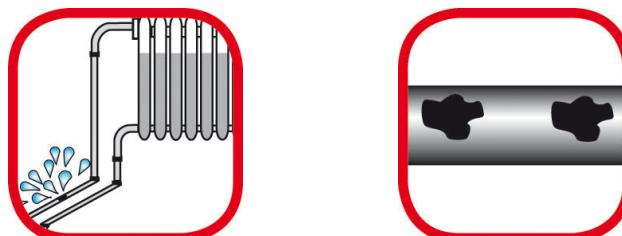


PRODOTTI CHIMICI E TECNICI
 CHEMICAL AND TECHNICAL PRODUCTS



FASTOP-IT

Liquid sealant - Type A

**DESCRIPTION:**

FASTOP-IT A (beige color) is a liquid compound specific for the maintenance of self-sealing radiators, sleeves and thermal plants.

FASTOP-IT A can eliminate the losses that reach up to 10 liters of water to day.

Caution: the water heater must be free of additives such as antifreeze, corrosion, salt, mud etc.. With proper use no damage to pumps or valves. After the successful sealing of the system, the product can remain in the circuit for up to 30 days. Then download the plant, wash it and refill it with water.

INSTRUCTIONS FOR USE:

1. Wash the plants by removing old panels or deposits which may clog pumps or valves. **2.** Mount a counter between the fill valve and the plant to verify the degree of loss. **3.** Check or calculate the water content of the plant to be sealed (eg. 14 liters / KW). **4.** Remove any filters in the circuit that could hold the fibers and thus hinder the sealing action. **5.** Shake the canister to prevent stratification of the liquid-sealing (deposit on the bottom of the fibers). **6.** Insert the fluid needed in the plant through the use of the dispenser of additives for thermal plants FILTANK, in the proportion of about 1 ÷ 2 liters to 100 liters of water content. **7.** Bleed the system very well and pumps. **8.** Run the system at its maximum temperature (eg. 95 °C) and maximum operating pressure (eg. 3 Bar). **9.** Maintain constant temperature and pressure for a minimum of 7 hours (only for the sealing of boilers: 4 hours). **10.** Maintain circulating the liquid self-sealing for sealing of the complete reaction chemistry that lasts according to the temperature of the circuit from 1 day (circuit always maintained at 80 °C) up to 5 days (floor system). **11.** Any splashes on objects (tiles, sinks, tubs, etc..) are to be removed immediately with water, or manifests a crystallization no longer removable. **12.** The emptying of the water system (if necessary) may be through the sewer without special disposal.

Transport: There is a dangerous product according to transport regulations.

**WARNING PHRASES:**

S 37/39 Use gloves and protect face.

S 2 Keep out of children's reach.

S 26 In case of contact with eyes wash them immediately with plenty of water and then seek medical advise.

IRRITANT

TECHNICAL DATA SHEET - TECHNICAL DATA SHEET

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CHEMICAL AND PHYSICAL PROPERTIES:

COMPOSITION:

- aluminum silicates
- Isopropyl alcohol

Appearance

Liquid

Color

sand

Odor

alcoholic

pH pure product

10,20

pH solution at 2 %

7,80

pH solution at 10 %

8,40

Specific density at 20 °C

1,025 g/ml

Flash point

> 55 °C

Water solubility

complete

For use preferably within 24 months.

PACKAGING:

1 liter bottles.

Do not disperse in the environment after use.



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FASTOP-ITA

Liquid sealant for solar panels

**DESCRIPTION:**

Self-sealing elastic fluid for solar heating systems for leaks up to 15 liters a day. The principle of self-sealing liquid is a mechanical sealing from the outside. FASTOP-ITA must be inserted with a special pump and works only in the presence of oxygen and is suitable for all materials used that are used for solar.

Note: FASTOP-ITA can be mixed with glycol or corrosion inhibitors. FASTOP-ITA can remain in the system. Shake the tank before use.

INSTRUCTIONS FOR USE:

1. Quantify the daily loss.
2. Quantify the content of the system, remembering that you can simply enter the plant about 1 liter of FASTOP-ITA every 100 liters of water.
3. After the insertion of the liquid bleed well pumps.
4. Remove or bypass the filters and all retinas.
5. Adjust the temperature and pressure to the maximum for the first 4 hours.
6. After 4 hours of operation to adjust the system to normal operation.
7. The sealing is complete after about 14 days.
8. The product can be mixed with antifreeze or other chemicals product used in industry solar.

Transport: There is a dangerous product according to transport regulations.

**WARNING PHRASES:**

S 37/39 Use gloves and protect face.

S 2 Keep out of children's reach.

S 26 In case of contact with eyes wash them immediately with plenty of water and then seek medical advise.

IRRITANT**CHEMICAL AND PHYSICAL PROPERTIES:**

Physical state

fluid

Color

blue

Odor

odorless

pH

about 11 (in 10 % solution)

Density at 20 °C

1,35 g/cm³

Water solubility

complete

Storage stability

about 5 years

PACKAGING:

Tank lt 5. Do not disperse in the environment after use.



FASTOP-IS

Sanitary systems

**DESCRIPTION:**

It is a self-sealing liquid to stop water leaks in drinkable water pipelines or those for home use (e.g. hot water). Leaks can reach 25 litres a day. Leaks caused by corrosion, cracks and defective brazing points can be sealed on galvanized, copper, steel and synthetic material pipes. FASTOP-IS crystallize on contact with external air. The leak is mechanically sealed. Sealings made by FASTOP-IS are long-lasting and non-ageing. Materials contained in FASTOP-IS can be used in the food industry and are included in the positive list "synthetic material in the food industry and trade" of the Hygiene Institute of Gelsenkirchen-Germany. How the self-sealing liquid works: the principle of the self-sealing liquids derives from nature and works like blood that crystallizes on the skin on contact with air thus "self-sealing" our wounds. FASTOP-IS self-sealing liquid contains selected cellulose fibres that deposit with a filtering effect on the leak decreasing the flowing speed. This allows the chemical compounds to crystallize externally hardening definitively with time.

INSTRUCTIONS FOR USE:

1. Preliminary phase. Close and empty the defective pipeline. Collect water and measure it to know how much product is needed. Close the valve under the sink, as well as taps and fittings; if necessary remove them completely. The pipe can also be plugged with a plug. Remove any inspection shafts, nets, filters and meters. Plug the feeding pipe to dishwashers and washing machines. Rinse the installation well and use ZINCONEX in case of limestone deposits. **Warning:** immediately remove FASTOP-IS from any object (tiles, sinks, bath tubs, etc.) with clean water to prevent it from crystallization. Indeed, it will be no more possible to remove such crystallization.

2. Operating time. Bring the pressure of the net to be sealed to about 5-7 bars using the special pump. FASTOP-IS must come out of the leak to be able to crystallize outside the pipeline. In very wet environments FASTOP-IS needs a minimum of 24 hours at hot temperature, while at ambient temperature it needs up to 2-3 days. In case of pipes with tight external sheaths, which do not allow air to penetrate, sealing can not be always performed (e.g. coated copper pipe with a leak on the coating sizing). After sealing, drain and collect FASTOP-IS, rinse the water network and check its tightness. Set the network at work again. Disconnect the hot water boiler before sealing operations. Wash the working tools carefully after sealing. The collected product can be reused several times. If used at the recommended ratio FASTOP-IS is not harmful (not edible). Immediately remove FASTOP-IS on the objects (tiles, sinks, bath tubs); otherwise a non-removable crystallization occurs.

Disposal:

if well diluted the product can be discharged in the sewer.

Mixture ratio:

product ready to use: FASTOP-IS collected can be reused. The product is not soluble with other chemicals. Heat-proof. Resistant to pressure.

TECHNICAL DATA SHEET - TECHNICAL DATA SHEET

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Expiration date:

5 years from the production date. Protect from frost.

Transport:

This product is not considered as dangerous according to the transport regulations.
Recommendations given are based on our present experience.

CHEMICAL AND PHYSICAL PROPERTIES:

Physical state	fluid
Odour	Odourless
Colour	Bleu
Density @ 20 °C	1,35 g/cm³
Water solubility	Soluble
pH	about 11 (10 % ig)

WARNING:

PRODUCT FOR PROFESSIONAL USE

S 37/39 Use gloves and protect your face. Do not dispose of in the environment after use

S 2 Keep out of children's reach

S 26 In case of contact with eyes wash them immediately with plenty of water and then consult a doctor



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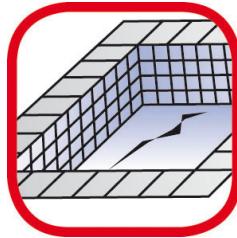
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FASTOP-POOL



DESCRIPTION: The Self-sealing liquid FASTOP-POOL eliminates water leaks in swimming pools of any dimension sealing pipes and joints. The product is suitable for use with any kind of material of common use like plastics, PVC, metal and beton.

INSTRUCTIONS FOR USE: Swimming pools containing oily substances must be carefully cleaned before using the self-sealing liquid FASTOP-POOL. Check the content of water in liters of the swimmingpool to be sealed. Take out the filters of the pool and poor the product in a dosis of 1:1000. Insert some circulation pumps in the pool and let circulate the product during about 2 days. Reassemble the filters to let circulate the pool pump to remove the fibers still in. Clean the pools filters for three times every 2 hours. It is suggested not to use the pool during the whole sealing operation. After sealing the pool must not be emptied.

DOSAGE: 0,1% (1 liter of product every 1.000 liters of water contained in the pool). In case of big leaks increase the concentration. No solubility with other chemical products. Resistant to temperature and pressure.

SAFETY DATA: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, rinse immediately with water. Use protective gloves and glasses. The product is not harmful in the indicated mixture proportions (inedible). Immediately remove any trace of product from any object (tiles, washbasin, bathtubs, etc.) to avoid any irremovable cristallisation. Keep out of the reach of children.

Product no subject to transport restrictions.

Special disposal: non requested

COMPOSITION: Silicones, antifoam, emulsions, colorants, Mersolat M, alcasilicates, fibers of cellulose, other components.

PACKING: 10 liters tank

EXPIRY DATE: 5 years from date of production

PRODUCT CODE: FASTOPPK010

All information are according to current experience. Any technical change is always possible.



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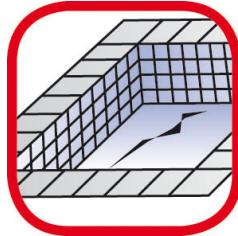
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PRODOTTI CHIMICI E TECNICI
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FASTOP-P/S



DESCRIPTION: FASTOP-P/S is a self-sealing liquid to stop leaks in balconies, terraces, basins, tanks and their joints. The product is suitable for use with any kind of material of common use like plastics, PVC, metal and beton. Containers in which there are oily substances must be carefully cleaned before using the self-sealing liquid FASTOP-P/S. This product contains selected fibers of cellulose that deposit on the leak with filtering effect reducing the passage speed. Chemical components can therefore externally crystallize and harden then definitely during time.

INSTRUCTIONS FOR USE: Before sealing fill the defective basin with water. Add FASTOP-P/S in the necessary quantity. Create a circulation through a pump (eg. submersible pump). Oily or fatty containers must be degreased first otherwise the liquid slips. The product must stay in the basin during 2/3 days. After sealing the basin must be emptied and cleaned immediately with water. Any patinas on the tiles must be removed with a rubber scraper. The heat increases the sealing. Fill immediately the basin with water.

ATTENTION: Shake the can before use. FASTOP-P/S cannot be mixed with glycol/antifreeze or other chemical products. The product must be removed from the basin after 2/3 days. After sealing carefully clean any ceramic surface.

DISPOSAL: it is not required a specific treatment tanks containing the sealing product FASTOP-P/S. Further information is included in the MSDS.

DOSAGE: 0,5% (1 liter of product every 200 liters of water contained in the basin). In case of big leaks increase the concentration. Resistant to temperature and pressure.

EXPIRY DATE: 5 years from date of production, protect against freeze.

TRANSPORT: Not considered a dangerous product according to transport rules.



WARNING PHRASES:

S 37/39 Use gloves and protect face.
 S 2 Keep out of the reach of children.

S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advise.

IRRITANT

CHEMICAL AND PHYSICAL PROPERTIES:

Physical state

fluid

Colour

transparent

Odour

odourless

pH value

about 11 (solution 10 % ig)

Flash point

No detectable

Density @ 20 °C

1,35 g/cm³

Solubility in water

miscible

PACKING:

Tank It 5.

Do not disperse in the environment after use.

PRODOTTO CERTIFICATO/CERTIFIED PRODUCT

Per segnalazioni sulla qualità del **prodotto** scrivere a

For reporting on quality **product** mail to

facot@isoencertifications.it

