

700 - URETHANE INJECTION RESIN CONCRETE CRACK & JOINT SEALANT

DESCRIPTION:

MITON 700 is designed for repairing leaks in concrete and masonry structures. Forms a flexible gasket or plug in the leakage path. In its uncured form it is a low viscosity liquid similar in appearance to medium weight motor oil. The cured resin is flexible and will resist degradation through thermal expansion and contraction, wet and dry cycles, and freeze and thaw cycles for long periods.

MITON 700 also exhibits good resistance to attack by fungi, acids, alkalis and gasses normal found in soil and commercial structures.

PROPERTIES:

UNCURED

Solids Content:	85%
Viscosity:	400 cps and 70°F
Colour:	Amber (Visual)
Weight per gallon:	9.75 Lbs per gallon
Flash point:	<0°C
Corrosiveness:	Non-Corrosive

CURED

Elongation	600-700% (1 day cure)
Tensile strength:	90 Psi

INSTRUCTION FOR USE:

MITON 700 is intended for use by applicators having the proper equipment as determined by the user for the specific application several techniques have been used for applying MITON 700 in leaking areas.

USES:

Sewer repair, crack sealing, storm sewers, sanitary sewers, mine leakage, tunnel leaks, subway maintenance, elevator maintenance, soil stabilizing. With MITON 700 you will solve all your water leaking problems.



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APPLICATION:

Crack sealing follow this simple sequence:

1. Scrape or brush debris from crack surface
2. Drill injection holes
3. Set injectors
4. Flush the crack
5. Inject MITON 700

RESISTANCE TO CHEMICALS:

MITON 700 is resistant to most organic solvents, mild acids and alkali.

TOXICITY:

Essentially non-toxic in cured form. Uncured material has LD₅₀ (rats) in excess of 5000 mg/kg of body weight. Liquid contains acetone diisocyanate. Liquid and vapour may be hazardous. In addition to skin irritation, the vapour and liquid may cause respiratory system effects including irritation and sensitization. Use of an organic vapour cartridge respirator is recommended to prevent breathing of fumes. Gloves and personal protective clothing and devices are recommended for skin protection.

ADHESION:

After testing, conditioning and retesting, no evidence of delamination or material breakdown was observed in any sample. A few samples, were then stretched to the breaking point to determine the maximum point. At 1/2 inch, the usual experience was breakage of the concrete blocks.

STORAGE:

Store in a cool, dry area where temperatures do not exceed 80°F for prolonged periods. Freezing will not harm the product and may extend the shelf life.

PACKAGING:

MITON 700 is available in 18.925 L pails.



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NOTICE:

Recommendations for use of this product are based upon tests believed to be reliable. Since field conditions vary widely, the user must determine the suitability of the product for his particular use. Miton Products warrants that this product conforms to the chemical description on the label. Miton Products makes no other express or implied warranty. In no case shall Miton Products be liable for consequential, special or indirect damages, resulting from the use of handling of this product.

FIRST AID PROCEDURES:

SKIN:

Wash material off of the skin with plenty of soap and water. if redness, itching, or a burning sensation develops, get medical attention.

EYES:

Immediately flush with plenty of water for at least 15 minutes. if redness, itching, or burning sensation develops, have eyes examined and treated by medical personnel.

INGESTION:

Do not induce vomiting. Give 1 or 2 glasses of water to drink and refer person to medical personnel. (Never give anything by mouth to an unconscious person.)

INHALATION:

Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is laboured, give oxygen. Consult medical personnel.

GUARANTEE:

MITON PRODUCTS are guaranteed 100% when used according to the manufacturer's specifications. Product application and surface conditions are beyond the manufacturer's control. Liability, if any, is limited to replacement of this product only.

Buyer assumes all risk in use and handling.



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**700
ACCELERATOR**

DESCRIPTION:

MITON 700 ACCELERATOR is active for esterification reactions. The use of soluble TIN compounds in an esterification reaction results in high-quality products. The accelerator should be chosen for each reaction on the basis of product requirements, process, conditions and equipment. The recommended catalyst level is 0.2 to 0.5 percent based on the total charge.

TYPICAL PROPERTIES:

PHYSICAL FORM:	Yellow amber, oily liquid (solid below room temperature)
FREEZING POINT:	-10°C
SPECIFIC GRAVITY (25°C):	1.05
SOLUBILITY:	soluble in most organic solvents, hydrolyzed in aqueous caustic.
% TIN:	18

SAFETY:

When handling MITON 700 ACCELERATOR, use protective gloves and proper eye protection. It is recommended that good local ventilation be used when handling all tin compounds.

FIRST AID:

Contamination to the eyes should be treated immediately by flushing continuously with plenty amounts of water for at least 15 minutes. A physician should be consulted.
In case of skin contact, the exposed area should be washed thoroughly with soap and water, followed by a thorough rinsing with water. A physician should be consulted.
Contaminated clothing should be removed and laundered before use.
In case of ingestion induce vomiting and seek medical aid immediately.

PACKAGING:

500 ml.

Buyer assumes all risk in use and handling.



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