



PHOS-CHEK® Insul-8 Structural Fire Protection Liquid Gel



Description

Phos-Chek Insul-8 is a water enhancing gel specially designed for municipal, industrial and wildland fire departments for application from ground equipment. Because of its enhanced coverage and unparalleled adherence capability, Insul-8 offers superior protection for all types of structures. Far superior to other gels on the market, Insul-8 can coat most vertical surfaces, including glass, with up to three inches of gel with no slumping. This enables fire fighters to easily and quickly protect buildings, tanks and other structures from flame and/or heat impingement, without tying up valuable resources to continuously spray water.

Phos-Chek Insul-8 is a liquid concentrate that mixes easily with water by proportioner, eductor, or batch mixer. The mix ratio, or dilution, can be varied based on the desired gel thickness and the quality of the water. The product can be expertly mixed and applied using ICL's new PC CODE system.

Insul-8 requires significantly less concentrate than other liquid concentrate gels to achieve the same properties, making it far more cost effective. Effective mix ratios are between 0.37% and 3% depending on application and water quality.

Insul-8 is fully tested and qualified by the USDA Forest Service. It is safe, non-toxic and environmentally friendly. Cleanup is easy with a garden hose or pressure washer.



Uses

- In industrial settings, Insul-8 provides protection for nearby equipment such as storage tanks and for infrastructure, such as wooden bridges, power poles, communication facilities, and other structures, during hot work and from heat or flame impingement from nearby fires.
- For municipal fire departments, Insul-8 can be used for direct suppression, including car fires, to provide fast knockdown and cooling and to prevent smoldering and reignition.
- Used with the Phos-Chek PC CODE system, Insul-8 can be used in conjunction with Phos-Chek WD881 Class A Foam and Phos-Chek LC95 long-term retardant, to provide a complete fire fighting solution.
- Insul-8 can be used for direct fire suppression or for very short term (less than four hours) indirect protection.
- Applied aerially, Insul-8 provides significantly better recovery than plain water. With its low dose rate, Insul-8 can be mixed with on-board injection systems on many water scooping aircraft.

Packaging

Phos-Chek Insul-8 is available in 5 gal. pails and 260 gal. totes. Special package sizes available.

Product Characteristics	
Color	Yellowish liquid
Mix Ratio	Direct suppression: 0.37% - 0.55%
	Structural protection: 1% - 3%
Specific Gravity	1.0 +/- 0.03
Viscosity (Concentrate)	800-1100 centipoise (cP)
Viscosity (Mixed)	>4000 centipoise (in distilled water) @ 0.6%
	>8000 centipoise (in distilled water) @ 1.0%