



Uni Solar Hard

UV curing repair material

# UNI SOLAR

## Gel type

# For repairing cracks & holes !

Hardening to irradiate sunlight or UV light.  
Special gel quickly repair cracks & gaps.  
It's suitable for emergency repair of tanks & piping.



100g



100g



Uni Solar Soft for soft materials such as PE tanks.

**UNI SOLAR SOFT**

Uni Solar Hard for repair of pressure part such as pipings.

**UNI SOLAR HARD**

**GEL TYPE**

## UNI SOLAR

	Soft	Hard
Material	UV curable epoxy acrylate resin	
Tensile coefficient	4.6×10 <sup>5</sup> psi	
Extension rate	5-6%	
Bending strength	1,540kg/cm <sup>2</sup>	
Bending coefficient	4.9×10 <sup>5</sup> psi	
Compressive strength	2,240kg/cm <sup>2</sup>	
Deformation temp.	105°C	
Hardness	Barcol 35	
Permittivity	3.38	
Shear strength	304 stainless 800 psi	
JAN code	4560361000188	456036100 0195

Usage : Repair and reinforce damaged and corroded parts such as steel plate, steel piping, FRP, glass, ceramic, PVC, and hardened vinyl chloride.

※ It may peel off for deformable materials.

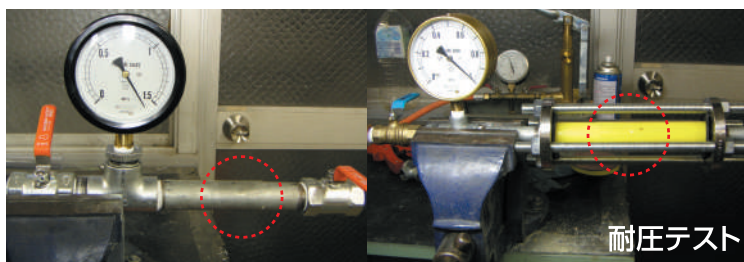
### <How to use>

- ① Dry the surface, remove the dirt and the oil with a degreasing agent, and roughen the surface with coarse sandpaper to improve adhesion.
- ② Squeeze Uni Solar in the shade, and apply to the repair spot.
- ③ Irradiate with UV light or sunlight for about 3 mins.  
If you paste a transparent film on the surface of Uni Solar, then block the air and cure it, it will be a clear and beautiful finish.

※ When Uni Solar Hard is felt hard, adjust the hardness by adding a small amount of acetone.

※ Since UV is difficult to reach deeply, the one with 1-2 mm of overcoating is better in the curing condition.

※ If the surface does not dry even when irradiated with UV for more than 10 mins, the surface will dry out by wiping with a industrial alcohol.



## UV-LED Flashlight that will cure Sun Sheet and Uni Solar quickly after repair.

**Work in indoors or place**

**where ultraviolet does not hit**

365nm UV light is cured SUN SHEET & UNI SOLAR quickly.

You can use it anywhere for portable flashlight type.



### UV-LED FLASHLIGHT

Battery	AAA x 3pcs
Voltage	5V
Wavelength	365nm
JAN code	4589874320040