

TDS-Technical Data Sheet

--- RIGID PATCH

Company Name : ChangZhou GuMei Bandage Co.,Ltd
Address : No.9, Long Ting Road, WuJin Hi-Tech
Industrial Park, ChangZhou, JiangSu, China.
Contact Person : CHENGCHENG
Tel : + 860 15312565393
Fax : + 860 519-86229926
Email : jerric730@sina.com

Product Name : RIGID PATCH
Model No. : 3*3/2*8/5*5
Appearance : Buff square fabric
Odor : Pungent odor

RIGID PATCH is nontoxic, non-harmful, widely-used, mainly be used in repairing of plastic, metal and glass lamp vessel. The product can fast setting to achieve higher strength in the sun.

TDS-Technical Data Sheet

--- RIGID PATCH

A. Composition

Substance	Weight by %
Polyurethane prepolymer of MDI and polyether polyol (CAS No.: 68092-58-0)	60
Glass, oxide, chemicals (CAS No.: 65997-17-3)	40

B. Chemical analysis

This product is not irritating and allergic to human, and is eco-friendly.

Items	Test results	Test method
AZO	< 5 mg/kg	EN 14362
Formaldehyde	< 5 mg/kg	ISO TS/ 17226
Lead	< 2 mg/kg	EPA 3052
Cadmium	< 2 mg/kg	EPA 3052
Total phthalate	< 10 mg/kg	EN 14372
Mercury	< 2 mg/kg	EPA 3052
Hexavalent chromium	< 0.3 mg/kg	UV-Vis
SVHCs 163 items	< 20 mg/kg/each	Screen method

TDS-Technical Data Sheet

--- RIGID PATCH

C. Instruction for handling

STEP 1:

Prepare the surface before removing the patch from the pouch. Rigid Patch adheres better to rough textured surfaces, so use the included sandpaper to roughen smooth surface. Use the included wipe to remove all dust, dirt, or loose fragments from the surface.

STEP 2:

Put on the provided gloves to avoid getting resin on hands and remove the black pouch from the box.

The resin will begin to cure as soon as the patch is removed from the black pouch and exposed to natural or ultraviolet light. When working in naturally lit areas apply the patch IMMEDIATELY after removing from the pouch.

STEP 3:

Open the pouch and remove the patch. Remove the black protective plastic from the patch.

TDS-Technical Data Sheet

--- RIGID PATCH

STEP 4:

Place the exposed side of the patch over the damaged surface, with at least 1" of patch material bonding to the surface on all sides of the damaged area. DO NOT remove the clear film from top of the patch while curing.

STEP 5:

Starting from the edges and working in, press firmly against the surface on the clear film over the patch to ensure you are creating a tight seal. Any gaps or raised edges will create a weak repair that is more likely to leak delaminate.

The repair will fail if the patch is not tightly sealed to the surface.

STEP 6:

Expose Rigid Patch to natural/UV light to begin curing. As the patch cures, the color will change from yellow to clear. Once the patch turns clear, allow 5 additional minutes for the resin to cure completely. Cure Time 5 min, 10 min, 15 min at different weather.

TDS-Technical Data Sheet

--- RIGID PATCH

	Fine day	Cloudy day	Rainy day
Cure time	5	21	70

D. Storage condition

Store the product in a cool, dry and well-ventilation location. Keep away from flame and other ignition source, do not exposure this product under the sun directly before applying. Keep RIGID PATCH out of reach of children.

E. Transport information

This product can be transported as common daily articles.

F. Disposal consideration

Small quantities of the product can be disposed together with household garbage. Dispose large quantities of the product must be in according to the local/regional/national/ international regulation.

Please use this TDS with SDS and product instruction.

TDS-Technical Data Sheet

--- RIGID PATCH

Product photo:

