

TDS-Technical Data Sheet

---- HEAT WRAP

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Product Name : HEAT WRAP
Model No. : 2 inch
Appearance : Brown fabric
Odor : Characteristic odor

HEAT WRAP is nontoxic, non-harmful, widely-used, mainly used for repair of heat pipeline, such as auto vent-pipe.

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A. Composition

Substance	Weight by %
Glass, oxide, chemicals (CAS No.: 65997-17-3)	52
Silicone rubber, one component RTV	26
Polyurethane prepolymer of MDI and polyether polyol (CAS No.: 68092-58-0)	22

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

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C. Instruction for handling

STEP 1:

Put on gloves to avoid getting resin on hands.

STEP 2:

Open FiberFix Heat Wrap pouch and submerge roll in room-temperature water for 10 seconds. Squeeze roll to remove excess water.

STEP 3:

Begin wrapping FiberFix Heat Wrap around the item. FiberFix Heat Wrap does not adhere the same way as traditional tapes. Wrap the first layers with care to prevent slipping. Subsequent layers should be wrapped more tightly. Use the entire roll of FiberFix Heat Wrap.

If you are using FiberFix Heat Wrap to repair a broken item apply at least 6 wraps over the break and at least 2-4 inches of support on both sides of the break.

STEP 4:

Remove paper backing from metallic strip. Wrap metallic strip around

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FiberFix Heat Wrap to secure and tighten the layers. Leave strip on while FiberFix hardens. Once FiberFix Heat Wrap has hardened, strip may be removed if desired, or it may be left in place.

STEP 5:

FiberFix Heat Wrap cures with heat. After applying the wrap, heat the treated area to cure FiberFix Heat Wrap. (e.g. turn your car on to heat the exhaust pipe. Use a heat gun to cure the wrap.) Make sure your workspace is properly ventilated.

You can change the temperature to save time, the following table is relation of cure time and temperature:

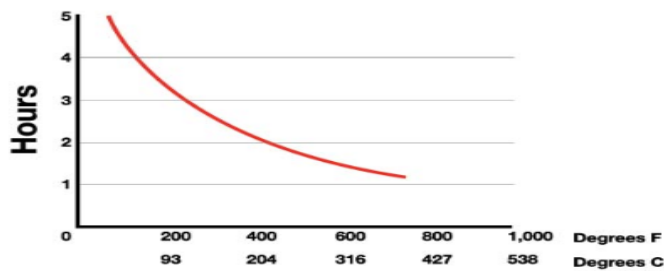
Time (hours)	Degree Centigrade	Degree Fahrenheit
1	454	850
2	238	460
3	116	240
4	54	130
5	21	70

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You can find the suitable cure time and temperature from the graph.

Cure Time and Temperature Graph



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. Keep FiberFix Heat Wrap 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.

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Please use this TDS with SDS and product instruction.

Product photo:

