

TCS HM *Industrial Adhesive*

TECHNICAL DATA SHEET

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Description

TCS HM is an industrial adhesive, 100% solids, that bonds to a wide variety of substrates. The material will cure in the presence of moisture and retains elastomeric properties over a wide temperature range. The adhesive can also be used as a seaming material or repair product for TCS Roboliner and membrane. The product is supplied in convenient "kits"-no weighing is necessary.

Advantages

- * **100% WATERPROOF** – does not break down when exposed to temperature when fully cured
- * **VERSATILE** – ideal for a variety of substrates, simple to use
- * **TEMPERATURE RESISTANT** – once dry, TCSHM is unaffected by extreme heat or cold

Preparation

Surface Preparation: dirt, grease, oil and contaminants should be removed by detergent, solvent or water scrubbing and rinsing with clean (clear) water.

Mechanical Preparation: Abrading or grinding the surface can also be used. The cleaner the surface the best adhesion is obtained.

REFER AND READ MSDS BEFORE USE. THIS IS AN INDUSTRIAL PRODUCT

Mixing

This is a 2 component adhesive: Part A Prepolymer and Part B Curative.

1. Open the Part B can and remix thoroughly for 2-3 minutes.
2. Pour the mixed B into the A Can. Mix with mechanical jiffy mixer for at least 2-3 minutes. Use stir stick to thoroughly scrap and mix side wall of quart can to insure thorough mix.
3. At 75F you will have approximately 8-9 minutes pot life before the HM becomes too thick to use.
4. Lower ambient temperature, i.e. 45F will make the HM thicker and require longer mix time however the pot life will be extended to 10-12 minutes.
5. When mixed, pour a stream of HM on the surface and roll, squeegee, or blade to thoroughly wetting the surfaces to be bonded. A thickness of 1/8" would be suitable for most applications.
6. Depending on ambient conditions the polymer will cure in a few hours to handle; 5 days for a complete cure. Heat may be applied with "heat gun" to accelerate the set up and cure rate. Caution to just heat the mixture, keeping 6-8 inches from the surface to avoid damage to liner or adhesive repair.

Recommended Application Rate:

50-100 mills as an adhesive

Storage:

Materials should be stored in un-opened containers between 32 F and 90°F

Shelf Life:

6 months from date of shipment (un-opened).