



# GT Products *Condensation System* Fast Catalyst **5275**

June 2006

## DESCRIPTION

GT Products<sup>®</sup> 5275 Fast Catalyst is a room temperature curing silicone rubber catalyst designed to accelerate the cure of our condensation silicone rubber compounds.

GT Products<sup>®</sup> 5275 can be used with:

- GT-5090      GT-5728      GT-5384
- GT-5091      GT-5651      GT-5361
- GT-5092      GT-5727      GT-5104
- GT-6060      GT-6061      GT-6062

## MIXING

Because pigments can settle during storage, Catalyst 5275 should be thoroughly stirred before mixing. Use separate tools for mixing the base and catalyst to avoid cross contamination. Low-shear mixing of the mixture is recommended. Add the catalyst to the base and mix until the color is uniform. Use clean tools and scrape the bottom and sides of the container to assure a homogeneous mixture. Avoid stirring in an excessive amount of air.

## TYPICAL PROPERTIES

### Catalyst

Color	Yellow
Specific Gravity	0.98
Viscosity (cPs)	100

### Typical Physical Properties:

Pot Life (pour time)	40-60 min.
Demold	8-12 Hrs.

## **STORAGE and HANDLING**

GT Products® 5275 FC will remain useful for six months when stored in the original unopened containers at temperatures below 80°F (27°C).

GT Products® 5275 FC is sensitive to moisture. Keep containers covered.

## **DEGASSING**

Air entrapped during mixing should be removed to prevent voids in the cured product. De-air the mixed material under a vacuum of 25 mm (29 inches) of mercury. The mixture will froth and expand three to four times its normal level, then crest and recede back to its original level as the bubbles break. Degassing is usually complete about two minutes after frothing subsides.

## **COMPATIBILITY**

GT Products® 5275 FC is a condensation (“Tin catalyst”) cure system. It will cure in contact with most clean dry surfaces. GT Products® 5275 FC will cure in contact with materials such as butyl and chlorinated rubbers, sulfur-containing materials, amines and other condensation RTV silicones which would inhibit the cure of addition-cure RTV rubber.

## **NOTE**

*The above data is based on typical experience and should not be used for specification writing. Suitability of GT-Products® 5275 FC for a specific application should be determined under actual use conditions. No warranty, expressed or implied, is hereby made.*

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