

Rhodorsil[®] PT Accelerator

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 Freeman Manufacturing & Supply Co.
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Accelerator for Addition Cure Elastomers

Description Rhodorsil[®] PT Accelerator is an accelerator for platinum cure, polyaddition silicone moldmaking compounds. It can be used with many of Bluestar Silicones addition cure products to customize the de-mold time to as short as 2 hours, allowing multiple molds to be made each day per master. This can be done without adversely affecting the physical properties of the elastomer.

- Applications**
- Conventional production and prototype molds
 - Finished rubber parts
 - Stereolithography (SLA) molds

Typical Properties

Typical Properties as Supplied

- **Color** Clear, amber
- **Consistency** Pourable liquid
- **Viscosity**, cP. (mPa.s) 50

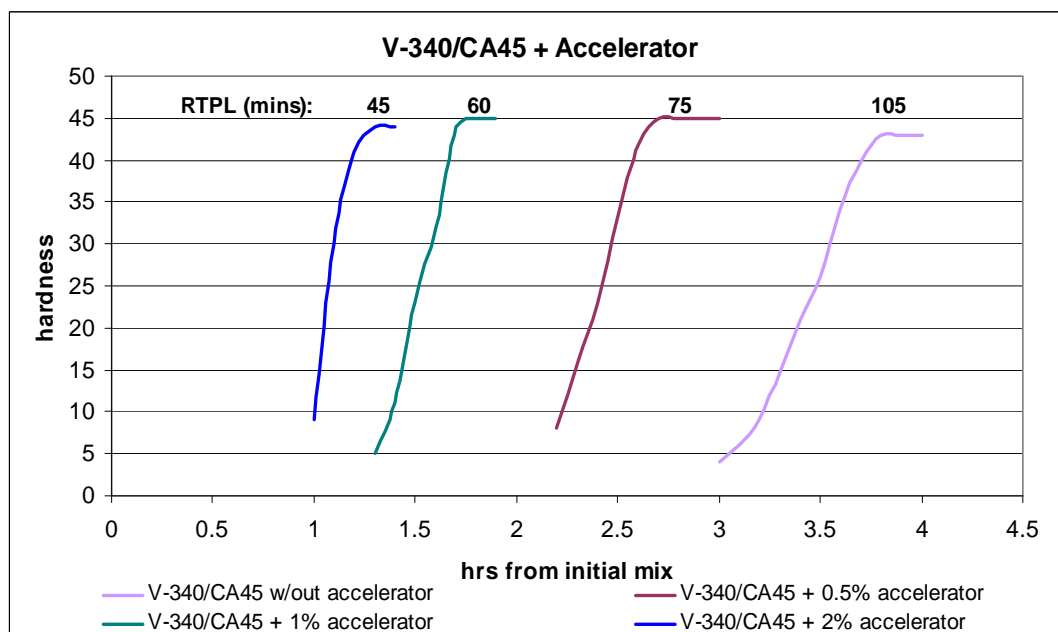
Instructions for use Rhodorsil[®] PT Accelerator can be mixed either into the Part A prior to mixing with the Part B, or directly into the mixed Part A and Part B. Proper de-airing of the mixed silicone is essential to produce the best possible molds.

Performance
 (Based on V-340/CA45)

% Rhodorsil [®] PT Accelerator	Pot Life, minutes	Demold Time, hours
0	105	4
0.5	75	3
1.0	60	2
2.0	45	1.5

Please note: The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of Rhodorsil[®] silicone materials. Please contact our Technical Service Department for assistance in writing specifications.

Typical effect of Rhodorsil[®] PT Accelerator on Hardness development of addition-cure silicone moldmaking compounds



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Storage and shelf life

Rhodorsil[®] PT Accelerator when stored in its original unopened packaging, at a temperature of 24°C (75°F), may be stored for 12 months from the date of manufacture. Beyond this date, Bluestar Silicones no longer guarantees that the product meets the sales specifications.

Safety

Please read the container labels for **Rhodorsil[®] PT Accelerator** or consult the Material Safety Data Sheet (MSDS) before handling for safe use, physical and health hazard information. The curing agent for this material can generate a flammable gas upon contact with acidic, basic, or oxidizing materials. Precautions to avoid contact of this curing agent with these materials should be exercised. The MSDS is not included with the product packaging, but can be obtained by contacting Bluestar Silicones at 866-474-6342 or consult your Bluestar Silicones representative.

Packaging

Rhodorsil[®] PT Accelerator is available in 454 gram containers.

RHODORSIL[®] is a registered Trademark of *Rhodia*

 EUROPE	 NORTH AMERICA	 LATIN AMERICA	 ASIA PACIFIC
Bluestar Silicones France 21 Avenue Georges Pompidou F69486 Lyon Cedex 03 FRANCE Tel. (33) 4 72 13 19 00 Fax (33) 4 72 13 19 88	Bluestar Silicones USA Two Tower Center Boulevard Suite 1601 East Brunswick, NJ 08816-1100 United States Tel. (1) 732 227 2060 Fax (1) 732 249 7000	Bluestar Silicones Brazil Ltda. Av. Maria Coelho Aguiar, 215 Bloco G - 1º Andar 05804-902 - São Paulo - SP - Brazil Tel. (55) 11 3747 7887 Fax (55) 11 3741 7718	Bluestar Silicones Hong Kong Trading Co. Ltd. Unit C, 18/F Manulife Tower 169 Electric Road North Point-Hong Kong Tel. (852) 3106 8200 Fax (852) 2979 0241

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