

# CAT-55

PLATINUM CATALYST MASTERBATCH

## DESCRIPTION

- Platinum catalyst masterbatch for use with high consistency silicone systems

## APPLICATION

- To vulcanize or speed up the vulcanization of the VersaSil<sup>®</sup> Series elastomer system or other vinyl functional silicone elastomer systems

## PROPERTIES

TYPICAL PROPERTIES	RESULT	METRIC CONV.	ASTM	NT-TM
Appearance	Translucent gray to straw	-	D2090	002
Plasticity	70 mils	-	D926	058

## INSTRUCTIONS FOR USE

Add CAT-55 incrementally to a blend of VersaSil Series base stock and CAT-40 masterbatch. Adding CAT-55 to uninhibited VersaSil base material may lead to premature vulcanization. Direct contact of CAT-55 with CAT-40 inhibitor masterbatch results in severe discoloration. Meticulously clean spatulas and other material handling equipment between exposures of CAT-55 and CAT-40.

### Packaging

1 Pint (1 Lb.)  
10 lbs. (4.54 kg)

### Warranty

12 Months

## STORAGE

CAT-55 is supplied sealed in polypropylene bags and placed in HDPE containers. Store unused portions of CAT-55 by first re-wrapping material in the polypropylene bags and then sealing tightly in the polyethylene container.



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## WARNINGS ABOUT PRODUCT SAFETY

NuSil Technology believes the information and the data contained herein are accurate and reliable. However, the user is responsible to determine the material's suitability and safety of use. NuSil Technology cannot know each application's specific requirements and hereby notifies the user that it has not tested or determined this material's suitability or safety for use in any application. The user is responsible to adequately test and determine the safety and suitability for their application and NuSil Technology makes no warranty concerning fitness for any use or purpose. NuSil Technology has completed no testing to establish safety of use in any medical application.

NuSil Technology has tested this material only to determine if the product meets the applicable specifications. (Please contact NuSil Technology for assistance and recommendations when establishing specifications.) When considering the use of NuSil Technology products in a particular application, review the latest Material Safety Data Sheet and contact NuSil Technology with any questions about product safety information.

Do not use any chemical in a food, drug, cosmetic, or medical application or process until having determined the safety and legality of the use. The user is responsible to meet the requirements of the U.S. Food and Drug Administration (FDA) and any other regulatory agencies. Before handling any other materials mentioned in the text, obtain available product safety information and take the necessary steps to ensure safety of use.

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## SPECIFICATIONS

Do not use the typical properties shown in this technical profile as a basis for preparing specifications. Please contact NuSil Technology for assistance and recommendations in establishing particular specifications.

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## PATENT WARNING

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## WARRANTY INFORMATION

NuSil Technology's warranty period is 12 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology specifically disclaims any other expressed or implied warranty, including warranties of merchantability and fitness for use. The exclusive remedy and NuSil Technology's sole liability for breach of warranty is



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