



EPOXY ACCELERATOR SERIES 44-700

PRODUCT PROFILE

- GENERIC DESCRIPTION** Modified Amine
- COMMON USAGE** Special additive for use with select epoxies to accelerate the cure rate and allow for coating application at temperatures down to 35°F (2°C).
- COLORS** Clear Amber
- SPECIAL QUALIFICATIONS** Series 44-700 Epoxy Accelerator is considered by **NSF International** as an **NSF /ANSI Std. 61** certified component of Series L140, N140 and V140 when used in potable water applications.
- CAUTION** Adding Series 44-700 Accelerator to Series L69, N69, V69, L140, N140 and V140 will:
 1. Increase gloss 10 or more units on 60 degree meter.
 2. Slightly decrease acid resistance.
 3. Produce slightly yellower white and pastel colors.
 4. Substantially change some clean yellow, green, orange and red colors.

TECHNICAL DATA

VOLUME SOLIDS 100%

CURING TIME

Temperature	To Touch	To Handle	To Recoat	Immersion
75°F (24°C)	2 hours	4 hours	5 hours	7 days
65°F (18°C)	3 hours	7-8 hours	9-11 hours	8 days
55°F (11°C)	5-6 hours	12-14 hours	16-20 hours	9-10 days
45°F (7°C)	7-8 hours	18-22 hours	28-32 hours	12-13 days
35°F (2°C)	9-11 hours	28-32 hours	46-50 hours	16-18 days

Curing time varies with surface temperature, air movement, humidity and film thickness.

Note: See the Series L69, N69, V69, L140, N140 or V140 product data sheet for cure times for potable water applications.

VOLATILE ORGANIC COMPOUNDS

0 lbs/gallon (0 grams/litre)

PACKAGING

Individual graduated plastic quarts (0.95 L). Also in multiple 4-quart convenience pack.

NET WEIGHT PER GALLON

8.10 ± 0.10 lbs (3.67 ± .11 kg)

STORAGE TEMPERATURE

Minimum 20°F (-7°C) Maximum 110°F (43°C)

SHELF LIFE

24 months at recommended storage temperature.

FLASH POINT - SETA

None

HEALTH & SAFETY

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.

Keep out of the reach of children.

APPLICATION

MIXING

Stir contents of Series L69, N69, V69, L140, N140 or V140 Part A and Part B separately, making sure no pigment remains on the bottom. Accurately add four (4) fluid ounces of 44-700 per gallon of Part A while Part A is under agitation. Continue agitation until thoroughly mixed. Next, add this mixture to Part B while under agitation. Continue agitation until thoroughly mixed.

Note: Components should be above 50°F (10°C) prior to mixing. For application to surfaces between 35°F to 50°F (2°C to 10°C), allow mixed material to stand thirty (30) minutes and restir before using. **Note:** The use of more than the recommended ratio of 44-700 will adversely affect coating performance.

POT LIFE

8 hours at 35°F (2°C) 4 hours at 77°F (25°C) 1 hour at 100°F (38°C)

SURFACE TEMPERATURE

Minimum 35°F (2°C) Maximum 135°F (57°C)

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Tnemec Company, Inc. warrants only that its coatings represented herein meet the formulation standards of Tnemec Company, Inc. THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The buyer's sole and exclusive remedy against Tnemec Company, Inc. shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose as long as Tnemec is willing to provide comparable replacement product to the buyer. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, ENVIRONMENTAL INJURIES OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Tnemec Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.

