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FW: 109 Scaled Up 1/2A Fubar 600 - Klass Kote Product Data Sheet

1 message

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Sat, Ap

From: Tandy Walker [mailto:aerotan1503@outlook.com]
Sent: Sunday, August 28, 2016 2:51 PM
Subject: 109 Scaled Up 1/2A Fubar 600 - Klass Kote Product Data Sheet

*Scaled Up 1/2A Fubar 600**August 28, 2016*

I am planning on spraying the clear satin Klass Kote tomorrow morning. On my earlier St Reliant project, I indicated that the Klass Kote would be left dry for several days or even a week before proceeding on with the project. I have observed that Klass Kote is looking better and better as it dries (or cures) with time. However, I have never really known how long it takes for Klass Kote to "fully cure" or "set up". So I e-mailed Nate Dickerson, owner of Klass Kote, with the following request:

Please provide information on the amount of time required for a mix of 1-part clear, 1-part satin catalyst, and 2-parts reducer to cure out (set up) in my model room where the temperature is kept at 73° F.

Nate promptly responded by providing the 2-page Klass Kote data sheet shown below and directed me to the laboratory tested "Cure Schedule" on page 2, which is shown below.

TACK FREE TIME:	20-30 MINUTES
PRINT FREE TIME:	4 HOURS
PACKAGING TIME:	24 HOURS
RECOAT/TOP COAT WINDOW:	1 – 24 HOURS (DEPENDING ON SHOP CONDITIONS)
>>>>SWARD HARDNESS:	4 DAYS - 1 WEEK
POT LIFE (USEABLE TIME AFTER MIXING A & B):	MEASURED IN 4-8 HOURS AT 70°F

Just to be safe, Nate recommended that I should wait at least seven (7) days for the Klass Kote to cure to a "Sward Hardness" (see page-2 below) before proceeding on with the project. So after spraying in the morning, the Fubar 600 project will be on

hold until next Monday (9/5/16).....Tandy

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KLASS KOTE - PRODUCT DATA SHEET

PRODUCT NAME **KLASS KOTE - EPOXY COLORS AND CLEAR**

DESCRIPTION **KLASS KOTE** is a series of two-component epoxy paint coatings available in a variety of colors, primers, and clear coats. It is quick air-drying, chemical hardening, and thermosetting. It can be forced dried to accelerate cure. The dried film is very attractive, tough, durable, as well as flexible. It provides excellent adhesion on nearly every substrate.

BASIC USES **KLASS KOTE** has been field tested since 1964 on many different substrates including steel, aluminum, masonry, wood, wood composition boards, cement, balsa, fiberglass, glass, and a variety of other substrates.

PHYSICAL DATA Note *** (based on White #100 with Gloss Catalyst #405)
SOLIDS BY WEIGHT: 56.23% - SOLIDS BY VOLUME: 44.94%

SURFACE PREPARATION The surface must be clean and free from dirt, dust, grease, rust, and scale, wax or anything else that will otherwise impede adhesion. Whenever possible, lightly solvent surface wash with **KLASS KOTE EPOXY REDUCER #500**. If the recommended reducer is not available, use a high-grade lacquer thinner.

APPLICATION **KLASS KOTE** products work ideally with conventional air-atomizing spray equipment, as well as HVLP and airless equipment (can also be applied with a brush or roller). Once the components are mixed and reduced, **KLASS KOTE** covers like most conventional finish coats. Film thickness should be built up by applying successive thin coats of paint and allowing about 20 minutes "flash off" time between coats.

For electrostatic application, if conductivity does not fall within the prescribed range for a given application the conductivity can be raised by adding a polar solvent, such as PPG DTL 16 or Klean-Strip L-27. The polar solvent may have to be added a number of different times in a number of different quantities before desired conductivity is reached, so be sure to record the amount added to each test batch before application.

MIXING INSTRUCTIONS Thoroughly mix equal parts by volume of components A & B. Allow mixture to induct/react for 30 to 40 minutes, (with occasional stirring) prior to application. **Always mix equal parts by volume of epoxy and catalyst components together first --before reducing the mixture.** The amount of reducer needed depends upon ambient temperature and type of spray equipment used. For finish coat applied with large-scale spray equipment, start with 6 parts paint to 1 part **KLASS KOTE EPOXY REDUCER #500**. If **KLASS KOTE REDUCER** is unavailable, use a high-grade lacquer thinner formulated to reduce epoxies. Reduction up to 1-to-1-to-1 (1-part A, 1-part-B, & 1-part Reducer) may be necessary to achieve the proper viscosity -- especially when working with smaller guns and air brushes. **Do NOT over-reduce!**

KLASS KOTE – EPOXY COLORS AND CLEAR

CURE SCHEDULE For best results paint and surface should be over 70° F. Can be force dried after solvent has been flashed off. Suggest 120°F for 15 minutes to speed cure time.
At 70°F (air & substrate temperatures):

	TACK FREE TIME:	20-30 MINUTES
	PRINT FREE TIME:	4 HOURS
	PACKAGING TIME:	24 HOURS
	RECOAT/TOP COAT WINDOW:	1 – 24 HOURS (DEPENDING ON CONDITIONS)
	 SWARD HARDNESS:	4 DAYS - 1 WEEK
POT LIFE (USEABLE TIME AFTER MIXING A & B):		MEASURED IN 4-8 HOURS AT (KEEP COVERED TO EXTEND

COVERAGE Using conventional air atomizing spray equipment on a non-porous substrate, 1 quart of **KLASS KOTE** will cover approximately 75 square feet. On more porous substrates, 1 will cover approximately 60 square feet.

PACKAGING Available in pint kits (2 x ½ pints), quart kits, (2 x pints), ½ gallon kits, (2 x quarts), 1 gal kits (2 x ½ gallons, and 2-gallon kits (2 x 1-gallons). All applications require equal parts epoxy (part-A) and catalyst (part-B). For industrial customers, or jobs that require larger quantities, please call customer service, as quantities of 2 x 55-gallon drums or more are available.

AVAILABILITY **DIVERSIFIED SOLUTIONS, LLC • 3755 DENMARK TR W. EAGAN, MN 55123**
Some retail outlets are also available domestically and internationally. Please call us for

DURABILITY Continued, prolonged, outside exposures to ultra-violet light may cause some degree of oxidization (chalking) and/or induce slight color fading. Normal periods of exposure will affect the film. In most conditions, **KLASS KOTE** will retain its outstanding decorative protective integrity.

WARRANTY The manufacturer warrants that this product conforms to label descriptions, is free from manufacturing defects, and is fit for the ordinary purposes for which such goods are sold. Inasmuch as the use of this product by others and other factors affecting product performance are beyond manufacturer's control, manufacturer does not guarantee the results obtained. If this product fails to give satisfactory results, manufacturer will replace the product, at its option, refund the purchase price. This is the sole and exclusive remedy for any failure of the product to perform as warranted and shall also constitute liquidated damages in case of failure. Under no circumstances shall the buyer be entitled to any other remedy or damages. Remedies for incidental and consequential damages are specifically excluded. The seller does not authorize any person or organization to assume for it any other liability in connection with the sale or use of this product unless specifically authorized by manufacturer in writing.