



Trinity 1945

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ACRYLIC ENAMEL TECH DATA SHEET

ACRYLIC ENAMEL WITH
OUTSTANDING CHARACTERISTICS:
EXCELLENT
GLOSS, SUPERIOR FLOW, CHIP
RESISTANCE AND DURABILITY.



MIXING & REDUCING

8 PART ACRYLIC ENAMEL
1 PART CATALYST
2 PARTS ACRYLIC REDUCER

EXAMPLE:

TO ONE GALLON ACRYLIC ENAMEL
ADD 1 PINT OF REDUCER ACRYLIC
HARDENER – REDUCE WITH 1 QUART OF ACRYLIC
IMPORTANT: ACRYLIC ENAMEL MUST BE CATALYZED WITH ACRYLIC
HARDENER



POT LIFE:

4 HOURS @70 DEGREE F/ 50 PERCENT RELATIVE HUMIDITY

SUBSTRATES:

ALL OEM FINISHES, AS WELL AS PROPERLY PREPARED
METAL, FIBERGLASS, PLASTIC AND FULLY CURED
PREVIOUSLY PAINTED SURFACES.

SURFACE PREPARATION:

BEFORE SANDING, WASH WITH SOAP & WATER AND REMOVE WAX AND GREASE USING CLEAN RAGS. SAND FINISHES CHEMICALLY ACCORDING TO PRIMER OR SUBSTRATE RECOMMENDATIONS AND TREATS LARGE BARE METAL AREAS.

SPRAY VISCOSITY:

20" - 21" #2 ZAHN CUP

SPRAY PRESSURE:

CONVENTIONAL:

SIPHON FEED: 40 - 70 PSI AT THE GUN

PRESSURE FEED: 40 -70 PSI AT THE GUN

(8 - 12 PSI FLUID FLOW ON THE POT)

HVLP: 8 -10 PSI AT THE AIR CAP

TYPICAL GUN SET UPS:

CONVENTIONAL:

SIPHON FEED: 1.2 MM -1.6 MM

GRAVITY FEED: 1.2 MM – 1.6 MM:

PRESSURE: .08 MM – 1.2 MM

HVLP:

SIPHON FEED: 1.3 MM – 1.6 MM

GRAVITY FEED: 1.3 MM - 1.6 MM

PRESSURE: 0.8 MM – 1.1 MM

APPLICATION:

SOLID COLORS: SPRAY MEDIUM WET COAT, ALLOW TO TACK, THEN FOLLOW WITH A FULL WET COAT /

METALLIC COLORS: APPLY 2 MEDIUM WET COATS WITH 15-20 MINUTES FLASH TIME BETWEEN COATS. A THIRD AND FINAL "MIST"

COAT MAY BE APPLIED IF NECESSARY TO EVEN THE METALLIC.

DRYING TIME:

OUT OF DUST: 30 MINUTES

TACK FREE: 45 - 60 MINUTES

HARD: OVERNIGHT

ALL DRY TIMES ARE AT NORMAL TEMPERATURE

PHYSICAL PROPERTIES:

VOC LE: 5.0 LBS GAL MAXIMUM READY TO SPRAY

THEORETICAL COVERAGE: 511 SQ FT @ 1 MIL

WEIGHT SOLIDS: 39.0% AVERAGE

VOLUME SOLIDS: 31.8% AVERAGE

RECOMMENDED DRY FILM THICKNESS: 2.0 MIL

SAFETY AND HANDLING:

PAINT MATERIALS CAN CAUSE IRRITATION OF THE RESPIRATORY ORGANS AND HYPERSENSITIVE REACTIONS. ASTHMA SUFFERERS THOSE WITH ALLERGIES AND ANYONE WITH A HISTORY OF RESPIRATORY COMPLAINTS SHOULD TAKE PROPER PRECAUTIONS. DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING WITHOUT NIOSH APPROVED AIR PURIFYING RESPIRATOR WITH PARTICULATE FILTERS OR APPROPRIATE VENTILATION AND GLOVES.