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ACRYLIC URETHANE TECH DATA SHEET

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

MIXING & REDUCING

8 PART ACRYLIC URETHANE

1 PART CATALYST

2 PARTS ACRYLIC REDUCER

EXAMPLE:

TO ONE GALLON ACRYLIC URETHANE

ADD 1 PINT OF REDUCER ACRYLIC

HARDENER - REDUCE WITH 1 <QUART

OF ACRYLIC

IMPORTANT: ACRYLIC URETHANE 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: 1.2MM -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 SUFFERS
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.